Index of Authors

Numerals followed by the letter A refer to Abstracts of Communication read at Meetings for Original Communications of the Nutrition Society

Aceves J, Ortega-Cerrilla ME, Mendoza G, Barcena R & Garcia C *Use of wheat straw upgraded by edible mushroom* Pleurotus ostreatus *in rations for sheep*, 134A.

Adam CL, Findlay PA & Miller DW *Leptin entry into the brain from the peripheral circulation in vivo*, 139A.

Adam CL & Mercer JG *Appetite regulation and seasonality: implications for obesity*, DOI: 10.1079/PNS2004367, 413.

Adamson AJ & Mathers JC *Effecting dietary change*, DOI: 10.1079/PNS2004395, 537.

Agrokipiotis NK & Rose SP *Dietary organic acids for lactating sows*, 133A.

Ahmed M, Irwin S & Tuthill DP *Education is needed to improve neonatal parenteral nutrition practice*, 17A.

Akbartabartoori M, Hankey CR & Lean MEJ *The interaction between smoking status and body mass index exaggerates cardiovascular risk factors*, 87A.

Andersen HS & McArdle HJ *How are genes measured? Examples from studies on iron metabolism in pregnancy*, DOI: 10.1079/PNS2004368, 481.

Appleton CL, Summerbell CD, Finn P, Plummer A, Helmn A, Mitchell T & Lawrence V *Preliminary results of the effectiveness of a commercial weight-loss programme compared with usual care in primary care*, 80A.

Appleton CL, Summerbell CD, Whittaker VJ & Kelly P *Evaluation of a pilot community-led weight management service within West Middlesbrough*, 80A.

Appleton KM, Hill J, Haddeman E, Rayment P, Rogers PJ & Mela DJ *Addition of alginate fibre to a liquid meal replacement: effects on satiety and food intake*, 118A.

Arab L *Individualized nutritional recommendations: do we have the measurements needed to assess risk and make dietary recommendations? etc*, DOI: 10.1079/PNS2003325, 167.

Archer DT, Ball D, Lewis NA & Maguire V *Effect of two levels of exercise-induced hypohydration on post-exercise rehydration in man*, 111A.

Armah CK, Kofler BM, Curtis P, Stannard J, Farrell L, Napper F, Grew JP, Luff J, Miles E, Lietz G, Caslake M, Packard C, Calder P, Mathers J, Williams CM & Minihane AM *Physiological responsiveness to low-dose fish oil intake. The impact of sex, genotype, age and geography: an introduction to the Fingen study*, 99A.

Aschenbach WG *see* Fujii N, 205.

Ashwell M *Workshop on funding opportunities within the Food Standards Agency*, DOI: 10.1079/PNS2004384, 549.

Athanasiadou S & Kyriazakis I *Plant secondary metabolites: antiparasitic effects and their role in ruminant production systems*, DOI: 10.1079/PNS2004396, 631.

Atkinson RJ, Grant J & McAlindon ME *Safety of percutaneous endoscopic gastrostomy placement by a trained nurse practitioner*, 22A.

Attaix D *see* Taillandier D, 357.

Aucott L, Poobalan A, Smith WCS, Avenell A, Jung R, Broom J & Grant AM *Weight loss and long-term health outcomes in obese individuals*, 135A.

Avery AJ, Lavin JH, Rees E, Barth JH & Whitehead SM *Improvements in mental wellbeing during weight loss on a slimming-on-referral programme*, 135A.

Aylen RK, Clifford MN, Millward DJ, Truby H, DeLooy A, Fox K, Robson PJ, MacDonald I & Morgan LM *Mean intakes of fifteen classes of dietary (poly)phenols in subjects following two commercial weight-loss programmes*, 110A.

Baar K *Involvement of PPARγ co-activator-1, nuclear respiratory factors 1 and 2, and PPARα in the adaptive response to endurance exercise*, DOI: 10.1079/PNS2004334, 269.

Baldwin C, McGough C, Norman AR, Cunningham D, Frost G & Andreyev HJN *Are out-patients with gastrointestinal malignancy and at nutritional risk referred to a dietitian?* 26A.

Barasi ME, Mendoza GS & Sanders LD *Weight management: a multi-dimensional approach*, 79A.

Barratt RM, Truby H, Millward DJ & Frost GS *Investigation into the effects of initiating insulin therapy in type 2 diabetes*, 58A.

Basten G *see* Duthie SJ, 571.

Beasley LJ & Hackett AF *'Freshman fifteen' in Liverpool, UK?* 60A.

Béchet D *see* Taillandier D, 357.

Bell IP *see* Fletcher RJ, 605.

Bellinger L & Langley-Evans SC *Prenatal exposure to a low-protein diet and programming of fat metabolism*, 71A.

Bellinger L & Langley-Evans SC *Programming of appetite and adiposity in male rats is dependent on timing of prenatal nutritional insult*, 71A.

Bellinger L, Lilley C & Langley-Evans SC *Prenatal exposure to a low-protein diet programmes a preference for high-fat foods in the rat*, 88A.

Benton CR *see* Bonen A, 245.

Berlan M *see* Stich V, 369.

Berridge K & Abayomi JC *Why don't women breast-feed for longer?* 72A.

Berridge K, McFadden K, Abayomi JC & Topping J *Supporting women to breast-feed for longer at an infant feeding clinic in Liverpool*, 73A.

Berry SEE & Sanders TAB *Influence of triacylglycerol structure on the postprandial lipaemic response to a symmetrical palmitic acid-rich fat and an asymmetrical palmitic acid-rich fat*, 67A.

Best CA, Wolstenholme SW, Kimble JE, Hitchings HM & Gordon HM *Audit of the effect of 'nil by mouth' instructions on patient behaviour*, 14A.

Bhala N, Roberts A, Alzouebi M, Grant J, Manzoor F, Sanders DS & McAlindon ME *Patients starving before percutaneous endoscopic gastrostomy (PEG) placement may be at risk of refeeding syndrome*, 4A.

Birk JB *see* Richter EA, 211.

Bispham J *see* Symonds ME, 397.

Bispham J, Dandrea J, Pearce S, Keisler DS, Stephenson T, Gardner DS & Symonds ME *Effect of parity on maternal plasma leptin and adipose tissue growth in the resulting offspring*, 117A.

Blaak EE *Basic disturbances in skeletal muscle fatty acid metabolism in obesity and type 2 diabetes mellitus*, DOI: 10.1079/PNS2004361, 323.

Blossfeld I, Martin CA & Delahunty CM *Diet variety and diet diversity of pregnant and lactating women*, 53A.

Boley R, Herriot A, DeLooy A, Fox K, Bonham MP, MacDonald I, Millward DJ, Morgan L & Truby H *Dietary changes induced by the Atkins diet*, 82A.

Bolster DR, Jefferson LS & Kimball SR *Regulation of protein synthesis associated with skeletal muscle hypertrophy by insulin-, amino acid- and exercise-induced signalling*, DOI: 10.1079/PNS2004355, 351.

Bonen A *see* Luiken JJFP, 251.

Bonen A, Campbell SE, Benton CR, Chabowski A, Coort SLM, Han XX, Koonen DPY, Glatz JFC & Luiken JJFP *Regulation of fatty acid transport by fatty acid translocase/CD36*, DOI: 10.1079/PNS2004331, 245.

Booth FW *see* Machida S, 337.

Booth FW & Shanely RA *The biochemical basis of the health effects of exercise: an integrative view*, DOI: 10.1079/PNS2004337, 199.

Boylan SM, Cade JE, Kirk SFL, Greenwood DC, White KLM, Shires S, Hay AWM, Simpson NAB & Wild CP *The development of a caffeine assessment tool (CAT) for use in pregnancy*, 74A.

Boyle J & Frost G *Intensive lifestyle intervention combined with the choice of pharmacotherapy leads to weight loss and improvement in cardiac risk factors in the obese at 6 months and maintenance of weight loss at 1 year*, 82A.

Brady LM, Williams CM & Lovegrove JA *Dietary PUFA and the metabolic syndrome in Indian Asians living in the UK*, DOI: 10.1079/PNS2003318, 115.

Brooks TM, Burdge GC & Calder PC *Human immune cells can convert linoleic acid to arachidonic acid*, 25A.

Broome CS *see* Jackson MJ, 513.

Brown JE *The effect of physiologically relevant concentrations of dietary anthocyanins on their ability to prevent low-density lipoprotein oxidation in the presence and absence of serum albumin*, 127A.

Browning LM, Krebs JD, O'Connell MA & Jebb SA *Weight loss decreases lipopolysaccharide-stimulated peripheral blood mononuclear cell tumour-necrosis factor-α, but not interleukin-6, concentrations in overweight women*, 90A.

Brynes AE, Frost GS, Ghatei M, Bloom SR, DeLooy A, Fox K, Robson PJ, MacDonald I, Millward DJ, Truby H & Morgan L *Fasting ghrelin concentrations in a large cohort of overweight and obese volunteers following four commercial weight-loss programmes*, 117A.

Bukhari HM, Margetts BM & Jackson A *Food insecurity in the UK and attitudes to healthy eating*, 139A.

Bundy R, Walker AF, Middleton RW & Booth J *Turmeric extract may reduce symptoms of irritable bowel syndrome and improve quality of life in otherwise healthy adults: a pilot study*, 126A.

Burden ST, Stoppard E, Hill J, Makin AJ, Shaffer J & Todd C *How should we assess post-operative complications for use as an outcome measure in nutritional research?* 14A.

Burdge GC, Russell JJ, Tricon S, Kew S, Banerjee T, Grimble RF, Williams CM, Yaqoob P & Calder PC *Relationship between increased intake of isomers of conjugated linoleic acid and the appearance of those isomers in peripheral blood mononuclear cells in human subjects*, 28A.

Burke SJ, McCarthy SN, O'Dwyer NA & Gibney MJ *Food consumption patterns associated with high intakes of cereal and dairy products in Irish adults*, 83A.

Burley VJ, Greenwood DC, Bandera EV, Cade J, Kalliecharan R, Kushi LH, Moreton J & Forman D *A systematic literature review and meta-analysis of the effects of dietary fibre consumption on risk of endometrial cancer*, 131A.

Burton LE & Wise A *Effect of the presence of fish on the amount of chips served when the thickness of chips is varied*, 107A.

Cade JE, Burley VJ & Greenwood DC *Risk factors for breast cancer: anthropometric and physical activity results from the UK Women's Cohort Study*, 131A.

Campbell SE *see* Bonen A, 245.

Chabowski A *see* Bonen A, 245.

Chadwick R *Nutrigenomics, individualism and public health*, DOI: 10.1079/PNS2003329, 161.

Chang D *see* Crabb DW, 49.

Chin ER *The role of calcium and calcium/calmodulin-dependent kinases in skeletal muscle plasticity and mitochondrial biogenesis*, DOI: 10.1079/PNS2004335, 279.

Chin ER *see* Michel RN, 341.

Chong FFM, Bickerton AST, Fielding BA & Frayn KN *Size does not matter: validation of a micro-method for adipose tissue biopsy for measurement of fatty acid composition*, 56A.

Chowdhury M, Wong LH, Horn V, Eaton S & Pierro A *Extravasation injuries in surgical neonates and children*, 23A.

Clough SM, Burdge GC, Madden J, Miles EA & Calder PC *Leptin receptor expression on human immune cells*, 26A.

Collins A, Cashman KD & Kiely M *Vitamin K_1 intake and status in two Irish female population groups*, 53A.

Collins A, O'Brien MM, Hill TR, Flynn A, Cashman KD & Kiely M *A comparison of vitamin D intake data from a food-frequency questionnaire with a 14 d dietary history and vitamin D status in three Irish female population groups*, 54A.

Combaret L *see* Taillandier D, 357.

Conroy MM & Littler SM *Equity of nutrition screening in different settings across a health community*, 6A.

Coort SLM *see* Bonen A, 245.

Coort SLM *see* Luiken JJFP, 251.

Cornwall T, Clapham ME & Mullaney I *Comparison and preference of two national food guides in adults*, 43A.

Cosgrove M, O'Brien MM, Galvin MA, Flynn A & Kiely M *Factors associated with compliance with the population goals for intakes of fruit and vegetables and dietary fibre in Irish adults*, 55A.

Crabb DW, Matsumoto M, Chang D & You M *Overview of the role of alcohol dehydrogenase and aldehyde dehydrogenase and their variants in the genesis of alcohol-related pathology*, DOI: 10.1079/PNS2003327, 49.

Crozier JEM & Mckee RF *Central line insertion complications*, 12A.

Culkin A *Can knowledge and care in enteral feeding be improved by a training scheme for qualified nurses?* 21A.

Cuskelly GJ, McNulty H, Stevenson MR, McCullough F, McPartlin JM, Strain JJ & Scott JM *Estimation of food folate bioavailability from a mixed diet: combined analysis from three intervention studies in young women*, 42A.

Dalgleish GD, Duncan J, Bunger L & Speakman JR *Metabolic rate and uncoupling protein (UCP) gene expression in mice selected for high and low food intake*, 141A.

Darnton-Hill I, Margetts B & Deckelbaum R *Public health nutrition and genetics: implications for nutrition policy and promotion*, DOI: 10.1079/PNS2003330, 173.

Davidson I & Smith S *Nutritional screening: pitfalls of nutritional screening in the injured obese patient*, DOI: 10.1079/PNS2004371, 421.

Davies IG, Griffin MD, Lewis F, Slaughter S, Millward DJ, Sanders TAB & Griffin BA *Effects of the dietary n-6:n-3* polyunsaturated fatty acid ratio on plasma lipids and lipoprotein subfractions: the 'OPTILIP' study, 99A.

Davies J, Wood J, Scantlebury J, Eastwood J & McMahon MJ *Different dialects in Yorkshire: are we talking the same language? A survey of intravenous nutrition services across the West Yorkshire region*, 18A.

De Roos B, Rucklidge G, Reid M, Pickard K, Osada J, Noone E & Roche HM *Cis-9, trans-11* and *trans-10, cis-12* conjugated linoleic acid-induced changes in progression of atherosclerosis, plasma lipids and liver proteome in apolipoprotein E-knockout mice, 90A.

Deckelbaum R *see* Darnton-Hill I, 173.

Deel-Smith P, Digger TJ & Jones BJM *Endoluminal brushing audit: a nutrition team's experience*, 12A.

Derbyshire EJ, Davies GJ, Costarelli V & Dettmar PW *Associations between body mass index and nutrient intakes in early pregnancy*, 72A.

Dillon SA *see* Jackson MJ, 513.

Djazayery A, Karandish M, Moremazi F, Behrooz A, Kazerouninejad E & Mahmoudi M *The effect of calcium supplementation during pregnancy on birth weight and length*, 121A.

Doherty SJ, McNaughton SA, Paul AA & Wadsworth MEJ *Health-related characteristics and behaviours of dietary supplement users at age 53 years in the 1946 British birth cohort*, 123A.

Dohm GL *see* Hulver MW, 375.

Donsmark M, Langfort J, Holm C, Ploug T & Galbo H *Regulation and role of hormone-sensitive lipase in rat skeletal muscle*, DOI: 10.1079/PNS2004359, 309.

Dowey L *see* Strain JJ, 597.

Doyle L, Gandy J & McCarthy HD *A within-laboratory-based evaluation of the self-testing BOD POD*, 70A.

Draper AK *The principles and application of qualitative research*, DOI: 10.1079/PNS2004397, 641.

Duffield JA *see* Mcmillen IC, 405.

Dunn SE *see* Michel RN, 341.

Duthie SJ, Narayanan S, Sharp L, Little J, Basten G & Powers H *Folate, DNA stability and colo-rectal neoplasia*, DOI: 10.1079/PNS2004387, 571.

Dykes R, Dickson E, Harvey D & Dale A *Presentation patterns in childhood obesity*, 61A.

Edington J, Barnes R, Bryan F, Dupree E, Frost G, Hickson M, Lancaster J, Mongia S, Smith J, Torrance A, West R, Pang F & Coles SJ *A prospective randomised controlled trial of nutritional supplementation in malnourished elderly in the community: clinical and health economic outcomes*, 9A.

Edington J, Saleh A, Girod I & Pang F *An analysis of the Clinical Hospital Knowledge System (CHKS) database to determine the prevalence of tube feeding in patients at nutritional risk in hospital, and to compare outcomes in a matched group of controls*, 19A.

Edwards P, Wykes J, Edmondson C, Power J & Monk S *Impact of a nutritional support team on the gastrostomy services within a district general hospital and community trust*, 30A.
Ehehalt R *see* Pohl J, 259.
Ellis SE, Batterham RL, Bloom SR, Ghatei MA & Frost GS *Peptide YY_{3-36}: its effects on rate of eating and meal duration*, 141A.
Esser KA *see* Hornberger TA, 331.

Fade S *Using interpretative phenomenological analysis for public health nutrition and dietetic research: a practical guide*, DOI: 10.1079/PNS2004398, 647.
Fairweather-Tait SJ *Iron nutrition in the UK: getting the balance right*, DOI: 10.1079/PNS2004394, 519.
Farrer KM, Harper L, Shaffer JL, Anderson ID, Scott NA & Carlson GL *Which member of a nutrition support team should prescribe total parenteral nutrition?* 5A.
Farshchi HR, Taylor MA & MacDonald IA *Deleterious effects of skipping breakfast on lipid and carbohydrate metabolism in lean healthy women*, 56A.
Febbraio M *see* Pedersen BK, 263.
Fischer C *see* Pedersen BK, 263.
Fisher NC, Fairhurst AJ & Deel-Smith P *Direct percutaneous endoscopic jejunostomy (PEJ) for nutritional support in severely ill patients: a retrospective audit*, 5A.
Fletcher RJ, Bell IP & Lambert JP *Public health aspects of food fortification: a question of balance*, DOI: 10.1079/PNS2004391, 605.
Flynn CA & McNeil D *Using the Internet as a tool for finding reports on childhood obesity-prevention and -treatment programmes, with a focus on immigrants new to industrialised countries*, 65A.
Ford D *Intestinal and placental zinc transport pathways*, DOI: 10.1079/PNS2003320, 21.
Foster E, Matthews JNS & Adamson AJ *The development and evaluation of portion size assessment tools for use with children*, 103A.
Frøsig C *see* Richter EA, 211.
Fujii N, Aschenbach WG, Musi N, Hirshman MF & Goodyear LJ *Regulation of glucose transport by the AMP-activated protein kinase*, DOI: 10.1079/PNS2004340, 205.

Gómez-Ambrosi J, Becerril S, Oroz P, Zabalza S, Muruzábal FJ, Archanco M, Gil MJ, Burrell MA, Salvador J & Frühbeck G *Decreased adiposity in mice lacking inducible nitric oxide synthase supports the involvement of nitric oxide in body fat regulation*, 140A.
Galbo H *see* Donsmark M, 309.
Gall MJ & Wanstall HJ *Appropriate home enteral feeding in a nursing home: implementing a decision-making pathway to improve patient selection*, 21A.
Galvin MA, Kiely M & Flynn A *The role of breakfast on micronutrient intakes of Irish adults*, 34A.
Gambling L & McArdle HJ *Iron, copper and fetal development*, DOI: 10.1079/PNS2004385, 553.
Gandy J, Tuffrey V & Mukhopadhyay S *Is there a link between the increasing use of inhaled corticosteroids to treat asthma and increasing obesity prevalence in children?* 115A.
Gannon RHT, Boley R, New SA, DeLooy A, Fox K, Wallace JMC, MacDonald I, Millward DJ, Morgan L & Truby H *Quantification of the dietary acidity characteristics of the Atkins diet: estimates of net endogenous non-carbonic acid production (NEAP) and potential renal acid load (PRAL)*, 88A.
Gannon RHT, Millward DJ, MacDonald HM, Frassetto LA, Remer T & New SA *Estimation of dietary acidity or alkalinity in British individuals aged 65 years and over from National Diet and Nutrition Survey (NDNS) datasets using estimates of net rate of endogenous non-carbonic acid production (NEAP) and potential renal acid load (PRAL)*, 54A.
Gardner DS, Pearce S, Stephenson T & Symonds ME *Maternal diet and development of regional adiposity in sheep*, 120A.
Gardner DS *see* Symonds ME, 397.
Ghayour-Mobarhan M, New SA, Lovell D, Lamb D, Livingstone C, Wang T & Ferns GA *Impact of dietary intake on plasma antibody titres to heat shock protein 60*, 100A.
Ghayour M, New S, Taylor A, Livingstone C, Wang T & Ferns G *Obese patients with metabolic syndrome have an increased dietary zinc:copper ratio*, 37A.
Gibney ER *see* Gibney MJ, 491.
Gibney MJ & Gibney ER *Diet, genes and disease: implications for nutrition policy*, DOI: 10.1079/PNS2004369, 491.
Gilchrist SECM, Woodside JV, Watkins DC, Cran G, Boreham CAG, Bingham A, Savage JM & Young IS *Antioxidant vitamins and their relationship to health parameters in an adolescent population*, 96A.
Ginty F, Charles M, Prynne C & Prentice A *Higher dietary protein:potassium ratio positively affects bone mineral changes in 16–18-year-old girls*, 40A.
Glatz JFC *see* Bonen A, 245.
Glatz JFC *see* Luiken JJFP, 251.
Glen P, McMillan DC, Leen E & Kinsella J *Liver blood flow changes in critically ill patients*, 28A.
Glynn LR, Steer CD, Rogers IS & Emmett PM *What determines a child's intake of fruit and vegetables?* 113A.
Gnanalingham MG, Mostyn A, Symonds ME, Giussani DA, Stephenson T & Gardner DS *Chronic umbilical cord compression promotes maturation of fetal brown adipose tissue*, 120A.
Goodyear LJ *see* Fujii N, 205.
Griffin AC, Younger KM & Flynn MAT *The need for a standard assessment of obesity as shown in a 1-year follow-up study of inner-city Dublin schoolchildren*, 103A.
Griffin T, Leveritt M & Ruxton CHS *An investigation into the effects of carbohydrate–electrolyte ingestion on cardiovascular function and hydration status during exercise*, 39A.
Groning J & Jones B *Hyperchloraemic metabolic acidosis in home parenteral nutrition*, 6A.

Hackett AF, Gibbon M, Taylor S, Stratton G & Lamb E *A city-wide survey of the diet of three cohorts of 9 and 10 year old children in Liverpool in 2000, 2001 and 2002*, 114A.
Haji Faraji M & Leeds AR *Determination of urinary chromium as an indicator for available chromium following 75 g glucose oral ingestion*, 36A.
Halkyard R, Cowie E & Cunningham S *The effect of cook–hot-hold and cook-chill processing on ascorbic acid levels in potatoes*, 126A.
Hall WL, Vafeiadou A & Williams CM *The effects of isoflavone supplementation on plasma lipid concentrations in postmenopausal women: the ISOHEART study*, 91A.
Hambly C & Speakman JR *Body-mass regulation in the mouse appears to be driven by a lipostat*, 140A.
Han WM, Chan YH, Tan CB & Morgan JB *Ethnic differences in parents' attitudes towards feeding their infants in Singapore*, 73A.
Han XX *see* Bonen A, 245.
Hannon-Fletcher MPA, McNulty H, Armstrong NC, Pentieva K, Ward M, McKillop DJ, Strain JJ, McCreedy R, Alexander J, Patterson K, Molloy AM & Scott JM *A controlled intervention study to compare the bioavailability of synthetic folic acid with natural food folate extracts*, 41A.
Hardcastle AC, Sandison R, New SA, Reid DM & MacDonald HM *Evaluation of a dietary checklist to assess fruit and vegetable consumption*, 55A.
Hargreaves M *Muscle glycogen and metabolic regulation*, DOI: 10.1079/PNS2004344, 217.
Haroun D, Wells JCK, Williams JE, Fuller NJ, Fewtrell MS & Lawson MS *Fat-free mass composition in obese and non-obese children: matched case–control analyses*, 116A.
Hart CA *see* Jackson MJ, 513.
Harvie M, Mercer T, Malik R, Adams J, Flyvbjerg A & Howell A *The effects of weight loss and weight gain on biomarkers of breast cancer risk*, 132A.
Hayes K, Shiely F, Murrin CM, Nolan G & Kelleher CC *A comparison of self-reported and clinically measured body mass index in Irish adults*, 137A.
Headland KR, Sensky PL, Buttery PJ, Dickinson K & Brameld JM *Short- and long-term effects of growth hormone on basal and catecholamine-induced lipolysis in pigs*, 100A.
Hearty AP, McCarthy SN & Gibney MJ *Relationship between attitudes towards perceived physical activity level and estimated physical activity levels in a representative adult Irish population*, 112A.

Henriette S, Andersen & Mcardle HJ *How are genes measured? Examples from studies on iron metabolism in pregnancy*, DOI: 10.1079/PNS2004368, 481.
Herrmann T *see* Pohl J, 259.
Hesselink MKC *see* Schrauwen P, 287.
Hesselink MKC & van Baak MA *Physical activity and health, novel concepts and new targets: report from the 12th Conference of the International Research Group on the Biochemistry of Exercise*, DOI: 10.1079/PNS2004353, 189.
Hickson M & Frost G *An investigation into the relationships between quality of life, nutritional status and physical function*, 30A.
Hill L, Whelan K, Judd PA, Preedy VR & Taylor MA *Enteral tube feeding: do patients receive their full prescription of formula?* 85A.
Hindmarch PN, Wood CE, Seal CJ, Adamson AJ, Mathers JC & Moynihan PJ *Attitudes and perceptions towards healthier eating of older adults residing in sheltered accommodation*, 109A.
Hines LM *Genetic modification of the effect of alcohol consumption on CHD*, DOI: 10.1079/PNS2003321, 73.
Hirshman MF *see* Fujii N, 205.
Hoeroldt BS, Lee FKT, Gleeson D, McAlindon ME & Sanders DS *Ultrasound guidance in the placement of a percutaneous endoscopic gastrostomy (PEG): a novel adjuvant technique in a patient with abdominal wall varices*, 23A.
Hoey L, Pentieva K, McNulty H, McCann MEE, McCracken KJ & Scott JM *Improved folate content of eggs by the addition of folic acid to the diet of laying hens*, 38A.
Hoggard N, Rayner DV, Johnston SL & Speakman JR *Peripherally administered α-melanocyte stimulating hormone (αMSH) increases resting metabolic rate, while peripheral agouti-related protein has no effect, in wild-type C57BL/6 and ob/ob* mice, 142A.
Holm C *see* Donsmark M, 309.
Hood DA & Joseph A-M *Mitochondrial assembly: protein import*, DOI: 10.1079/PNS2004342, 293.
Hopkins K *Food for life, love and hope: an exemplar of the philosophy of palliative care in action*, DOI: 10.1079/PNS2004372, 427.
Hornberger TA & Esser KA *Mechanotransduction and the regulation of protein synthesis in skeletal muscle*, DOI: 10.1079/PNS2004357, 331.
Hughes RJ & Kumar N *Jejunostomy feeding: friend or foe? A case report*, 31A.
Hughes RM *An assessment of public health nutrition workforce capacity in Australia: implications for obesity prevention*, 104A.
Hulver MW & Dohm GL *The molecular mechanism linking muscle fat accumulation to insulin resistance*, DOI: 10.1079/PNS2004351, 375.
Humphreys L, Costarelli V & Conway G *Implementation of dietary and general lifestyle advice in women with polycystic ovarian syndrome*, 63A.
Hutchinson C, Al-Ashgar W, Liu DY, Hider RC, Powell JJ & Geissler CA *Oral ferrous sulfate leads to a marked increase in circulating levels of pro-oxidant non-transferrin bound iron*, 98A.
Hyatt MA, Walker DA, Stephenson T & Symonds ME *Ontogeny and nutritional manipulation of the hepatic prolactin–growth hormone–insulin-like growth factor axis in the ovine fetus and in neonate and juvenile sheep*, DOI: 10.1079/PNS2003324, 127.

Ilsley SE & Miller HM *Dietary Quillaja saponin during gestation does not affect colostrum immune profile but decreases stillbirth incidence at farrowing*, 49A.

Jørgensen SB *see* Richter EA, 211.
Jackson KJ, Prynne CJ & Wadsworth MEJ *A comparison of the sources of vitamin K_1 in the diets of individuals assessed in childhood and in adult life*, 75A.
Jackson MJ, Dillon SA, Broome CS, McArdle A, Hart CA & McArdle F *Are there functional consequences of a reduction in selenium intake in UK subjects?* DOI: 10.1079/PNS2004382, 513.
Jefferson LS *see* Bolster DR, 351.
Jennings A, Costarelli V, Davies GJ & Dettmar PW *Habitual dietary calcium intake and body weight in 7–10-year-old children*, 76A.
Jennings A, Davies GJ, Chaplin MF, Costarelli V & Dettmar PW *Symptoms of constipation in children: the influence of physical activity and water intakes*, 61A.
Johnson IT *Micronutrients and cancer*, DOI: 10.1079/PNS2004389, 587.
Johnston KL, Wood R & Sharp PA *Immunohistochemical localisation of iron transporter proteins in rat colon*, 36A.
Johnston SL, Bell LM, Murray SJ, Tolkamp BJ, Yearsley J, Kyriazakis I, Illius AW & Speakman JR *The effect of body composition on reproductive performance in C57BL/6J mice*, 118A.
Jonasson J, Hyll M, Linné Y & Rössner S *Gender differences in use of an Internet-based weight club*, 81A.
Jones AR, Hepples ML, Coulson J, Kuznesof S, Richardson DP & Seal CJ *Increased wholegrain food consumption and indicators of adiposity: preliminary results from the CHEW-IT study*, 70A.
Jones AR, Kuznesof S, Richardson DP & Seal CJ *Barriers to the consumption of wholegrain foods*, 96A.
Jones GM, Koller H, Waxenecker F & Pasteiner S *Comparison between an essential oil blend and oregano whole herb on growth performance in weaners*, 49A.
Joseph A-M *see* Hood DA, 293.
Joyce T, Hannon EM, Kiely M & Flynn A *Effect of level of consumption of fortified foods on total folate and folic acid intake in Irish adults*, 41A.
Joyce T, Hannon EM, Kiely M & Flynn A *The use of stochastic modelling to estimate the potential benefit of fortifying white bread with folic acid for the prevention of neural tube defects*, 51A.
Judd PA *see* Whelan K, 105.

Kato A, Bullock C & Forbes A *Dietary modification in patients with Crohn's disease: towards a guide for dietitians' interventions*, 16A.
Kaushal MV, Chadwick PR, Anderson ID, Scott NA, Shaffer JL & Carlson GL *Is catheter salvage of value in patients on home parenteral nutrition? A nine-year experience*, 29A.
Kelleher CC, Murrin CM, Friel S & Nolan G *Trends in nutrient intake in the Irish population between 1998 and 2002*, 136A.
Keller C *see* Pedersen BK, 263.
Keller C *see* Tomas E, 381.
Keller P *see* Pedersen BK, 263.
Keller P *see* Tomas E, 381.
Kelley DE *see* Storlien L, 363.
Kelly FJ *Dietary antioxidants and environmental stress*, DOI: 10.1079/PNS2004388, 579.
Kelly LA, Reilly JJ, Grant S & Paton JY *Objectively measured physical activity and inactivity in rural Irish and urban Scottish children: a comparison study*, 83A.
Kelly M *see* Tomas E, 381.
Kelly SAM, Frost G, Whittaker VJ & Summerbell CD *A Cochrane systematic review of low-glycaemic-index diets for coronary heart disease*, 65A.
Kerr MA, Livingstone MBE, Bradbury I, Scott JM, Ward M, Bates CJ & McNulty H *The relationship between body mass index and B vitamin status*, 52A.
Khoja SO, Khan JA, Maimani AA & New SA *Absence of milk in the diet is associated with higher bone resorption in postmenopausal Saudi Arabian women*, 130A.
Kiely M *see* Lucey, 94A.
Kiens B *see* Roepstorff C, 239.
Kimball SR *see* Bolster DR, 351.
King CL, Blaikley S, Hackson A, Stroud MA, Elia M & Stratton RJ *Prevalence of malnutrition risk using the Malnutrition Universal Screening Tool ('MUST') within a district nurse-referred population*, 27A.
Klomp LW *see* Wijmenga C, 31.
Koonen DPY *see* Bonen A, 245.
Koonen DPY *see* Luiken JJFP, 251.
Kyle RE *Children's opinions on food: a culturally appropriate tool for healthier eating in Sandwell*, 115A.
Kyriazakis I *see* Athanasiadou S, 631.

Lad H, Gott M & Gariballa SE *Health professionals' and elderly patients' views, attitudes and compliance with prescribed oral nutritional supplements*, 44A.
Lake AA, Brookes AL, Speed C, Corbett S, Moynihan PJ & Adamson AJ *Development of patient information leaflets for constipation using a range of cognitive interview techniques: LIFELAX*, 78A.

Lal S, Barlow J, McLaughlin J, D'Amato M, Giacovelli G, Varro A, Dockray G & Thompson D *Endogenous cholecystokinin induces satiation to a meal by delaying gastric emptying in man*, 4A.
Lambert JP *see* Fletcher RJ, 605.
Lang R, Summerbell CD, Moore HJ, Appleton CL & Smith J *Development of a multidisciplinary approach to the prevention and/or treatment of obesity within the Middlesbrough Primary Care Trust*, 80A.
Langfort J *see* Donsmark M, 309.
Lee MRF, Tweed JKS, Dewhurst RJ & Scollan ND *Duodenal flow of the chlorophyll metabolite phytanic acid in beef steers offered grass and red clover silages*, 49A.
Lightowler HJ, Henry CJK & Al-Hourani HM *Physical activity and inactivity patterns in adolescent females living in the United Arab Emirates*, 105A.
Little J *see* Duthie SJ, 571.
Lobo DN *Fluid, electrolytes and nutrition: physiological and clinical aspects*, DOI: 10.1079/PNS2004376, 453.
Lodish H *see* Tomas E, 381.
Long YC, Widegren U & Zierath JR *Exercise-induced mitogen-activated protein kinase signalling in skeletal muscle*, DOI: 10.1079/PNS2004346, 227.
Loscher CE, Mills KH & Roche HM *Conjugated linoleic acid suppresses interleukin-12 and enhances interleukin-10 production in murine bone marrow-derived dendritic cells*, 129A.
Lovegrove JA *see* Brady LM, 115.
Low YL, Grace PB, Taylor JI, Botting NP & Bingham SA *Phyto-oestrogen concentrations in serum and spot urine as biomarkers for dietary phyto-oestrogen intake among free-living women in EPIC-Norfolk*, 97A.
Lucey & Kiely M *Carotenoid intakes and food sources in 18–64-year-old Irish adults*, 94A.
Luiken JJFP *see* Bonen A, 245.
Luiken JJFP, Coort SLM, Koonen DPY, Bonen A & Glatz JFC *Signalling components involved in contraction-inducible substrate uptake into cardiac myocytes*, DOI: 10.1079/PNS2004333, 251.
Lunn JC, Pollock JRA & Bingham SA *The effect of increased red and processed meat consumption on endogenous formation of* N-*nitroso compounds in ileostomists*, 76A.
Luo Z *see* Tomas E, 381.

Machida S & Booth FW *Insulin-like growth factor 1 and muscle growth: implication for satellite cell proliferation*, DOI: 10.1079/PNS2004354, 337.
Majewicz J, Rota C, Turner R, Minihane A-M, Lodge J, Proteggente AR, Kramer K & Rimbach GH *The effect of vitamin C supplementation on gene expression in primary human monocytes: a human intervention study*, 93A.
Margetts B *see* Darnton-Hill I, 173.
Marks LI, Gallagher AM, Strain JJ, Rodger G & Welch RW *Can differences in filament length explain the effect of mycoprotein on glucose diffusion in vitro?* 86A.
Marks LI, Gallagher AM, Strain JJ, Rodger G & Welch RW *Can differences in filament length of mycoprotein explain the effects of mycoprotein on glycaemic responses, appetite variables, and gastric emptying in healthy subjects?* 86A.
Mathers JC *What can we expect to learn from genomics?* DOI: 10.1079/PNS2003322, 1.
Mathers JC *see* Adamson AJ, 537.
Matsumoto M *see* Crabb DW, 49.
McArdle A *see* Jackson MJ, 513.
McArdle F *see* Jackson MJ, 513.
McArdle HJ *see* Gambling L, 553.
McArdle HJ *see* Andersen HS, 481.
McAtear C, Clark F & McHattie G *Organisation of nutritional care services in the South Glasgow University Hospital Trust*, 18A.
McConnon A, Kirk SFL, Greenwood DC & Ransley JK *Association between body mass index, health-related quality of life and use of commercial weight-loss services in a sample of obese individuals*, 62A.
MacDonald HM, Hardcastle A, Sandison R, New SA & Reid DM *Weight gain reflects recent physical activity level and is independent of energy intake: a longitudinal study of early postmenopausal women*, 45A.
MacDonald HM, New SA & Reid DM *Changes in dietary patterns over a 5-year period in perimenopausal and early postmenopausal Scottish women*, 122A.
McDougall CM & Crum JE *Prevalence of overweight and obesity in Aberdeen primary schoolchildren: a retrospective longitudinal study*, 102A.
MacFie J *see* Woodcock N, 451.
McGough CJ, Baldwin C, Frost G & Andreyev HJN *A review of the role of nutrition in patients undergoing pelvic radiotherapy*, 27A.
McGregor J, Mckie AT & Simpson RJ *Of mice and men: genetic determinants of iron status*, DOI: 10.1079/PNS2003312, 11.
McHoney M, Eaton S, Drake DP, Kiely EM, Spitz L & Pierro A *Laparoscopy blunts the post-operative metabolic response to Nissen fundoplication in children*, 2A.
McHoney M, Klein N, Eaton S & Pierro A *Operative stress influences monocyte HLA-DR expression following abdominal surgery in children*, 3A.
McKay JA, Williams EA & Mathers JC *Folate depletion post-weaning suppresses large tumours in the Apc$^{+/min}$* mouse intestine, 51A.
McKee RF *The outcome of inpatient parenteral nutrition*, 13A.
McKie AT *see* McGregor J, 11.
McKinlay AW *Nutritional support in patients with advanced cancer: permission to fall out?* DOI: 10.1079/PNS2004377, 431.
McMillen IC, Muhlhausler BS, Duffield JA & Yuen BSJ *Prenatal programming of postnatal obesity: fetal nutrition and the regulation of leptin synthesis and secretion before birth*, DOI: 10.1079/PNS2004370, 405.
McMullen S & Langley-Evans SC *Glucocorticoid-independent programming of angiotensin receptor expression in hypertensive rats exposed to a low-protein diet in utero*, 118A.
McNaughton SA, Moore CS, Bryant SP, Matthews N, Paul AA & Jebb SA *Relationship between dietary intake of essential polyunsaturated fatty acids and plasma status in a food-based intervention study*, 39A.
McNeil DA, Flynn MAT & Tough SC *Best practices for the prevention of overweight and obesity in children with a focus on immigrants new to industrialised countries: a synthesis review*, 102A.
McNulty H *see* Strain JJ, 597.
McNulty H & Pentieva K *Folate bioavailability*, DOI: 10.1079/PNS2004383, 529.
Mercer JG *see* Adam CL, 413.
Michel RN, Dunn SE & Chin ER *Calcineurin and skeletal muscle growth*, DOI: 10.1079/PNS2004362, 341.
Miles EA, Dunn RL, Jackson AA & Calder PC *The level of protein in the diet of pregnant rats affects splenocyte phenotypes and responses in the offspring at weaning*, 25A.
Milestone AN, Mostert MJ, Barrera Groba C & Jennings MP *An audit of enteral nutrition practice in the intensive care unit*, 7A.
Millward DJ, DeLooy A, Fox K, Davis MMBE, MacDonald I, Morgan L & Truby H *Diet Trials: composition of weight loss in relation to exercise and fitness in a randomised controlled trial of commercially available slimming diets*, 111A.
Millward DJ, Tothill P, DeLooy A, Fox K, Logan CM, MacDonald I, Morgan L & Truby H *Diet Trials: weight and fat loss in a randomised controlled trial of commercially available slimming diets*, 110A.
Minnich DJ & Moldawer LL *Anti-cytokine and anti-inflammatory therapies for the treatment of severe sepsis: progress and pitfalls*, DOI: 10.1079/PNS2004378, 437.
Miskin D & Davidson I *Genetic taste sensitivity to* n-*propylthiouracil (PROP) is associated with dietary fat intake but not energy density*, 128A.
Mohammadpour-Ahranjani B, Zellipour L, Rashidi A, Kalantari N, Karandish M & Eshraghian MR *Mothers' educational level is positively associated with overweight among Tehrani adolescent boy students*, 108A.
Moldawer LL *see* Minnich DJ, 437.
Moloney F, Mullen A, Yeow TP, Nolan JJ & Roche HM *Conjugated linoleic acid supplementation in type 2 diabetes*, 67A.
Moloney F, Noone E, Gibney MJ & Roche HM Cis-9, trans-*11 conjugated linoleic acid (CLA) improves metabolic and molecular markers of insulin sensitivity in adipose tissue and liver*, 58A.
Mooney KM, Young IS, Patterson CC & Cuskelly GJ *Vitamin B_{12} status in elderly subjects with low haemoglobin*, 77A.
Moore CS, Bryant SP, Krebs JD & Jebb SA *Effect of dietary changes in the* n-*6:*n-*3 polyunsaturated fatty acid ratio on plasma fatty acid status and insulin sensitivity*, 33A.

Moore HJ, Summerbell CD, Hooper L, Ashton VJ, Johnstone P & Kopelman P *Dietary advice for prevention of type 2 diabetes mellitus in adults*, 56A.

Moore HJ, Summerbell CD, Hooper L, Cruickshank K, Vyas A, Johnstone P, Ashton VJ & Kopelman P *Dietary advice for treatment of type 2 diabetes mellitus in adults*, 57A.

Moorhead SA, Welch RW, Livingstone MBE, McCall TA & Dunne A *Level of carbonation in a beverage preload increases satiety and decreases subsequent intake*, 84A.

Moran M *The evolution of the nutritional management of diabetes*, DOI: 10.1079/PNS2004392, 615.

Morgan L, Davies I, Griffin B, DeLooy A, Fox K, Livingstone MBE, Robson P, MacDonald I, Truby H, Millward DJ *Diet Trials: influences of weight loss on lipid-based cardiovascular risk factors in a randomised controlled trial of commercially available slimming diets*, 111A.

Moynihan PJ, Wood CE, Hindmarch PN, Adamson AJ, Seal C & Mathers JC *Knowledge of food safety practices amongst older adults*, 124A.

Muhlhausler BS *see* McMillen IC, 405.

Mühlhäusler BS, McMillen IC, Rouzaud G, Findlay PA, Marrocco EM, Rhind SM & Adam CL *Gene expression for appetite regulatory neuropeptides in the fetal sheep hypothalamus*, 142A.

Mullen A, Moloney F, Nugent A, Gibney MJ & Roche HM *Conjugated linoleic acid supplementation decreases ex vivo* human peripheral blood mononuclear cell interleukin 2 expression and secretion, 66A.

Murphy PM, Blackshaw G & Lewis WG *Prospective evaluation of nutritional status and outcome after oesophagectomy for carcinoma*, 8A.

Murphy PM, Cawdery EC & Lewis WG *Nutritional status of patients with gastric and oesophageal carcinoma undergoing potentially curative surgery*, 9A.

Murrin CM, Shiely F, Friel S, Nolan G & Kelleher CC *The influence of lifestyle factors on obesity in an Irish adult sample*, 106A.

Musi N *see* Fujii N, 205.

Nagah AMS, Nurmi T & Seal CJ *Consumption of wholegrain wheat, rye and rice by laboratory animals is associated with elevated plasma concentrations, urinary excretion and faecal output of enterolactone*, 98A.

Narayanan S *see* Duthie SJ, 571.

Nelson P, Marshall J, Cooper M, Zambas H, Brewster K, Atkin K & Moore H *Laying foundations for health: an investigation into the food provided to under-5s in day care*, 101A.

Nematy M, Hickson M, Brynes AE, Ruxton C & Frost GS *A pilot survey to investigate the nutritional status of patients with a fractured neck of femur and level of nutritional support provided during treatment*, 77A.

Neufer PD *see* Pilegaard H, 221.

Newson L, Anderson AS & Hetherington MM *Social facilitation of eating behaviour: is it just distraction?* 106A.

Nicholls L, Maden K, Rudd C, Lewin A, Turzyniecka M, Page K & McAlindon M *Experience of home parenteral nutrition (HPN) for patients with non-malignant and malignant disease*, 20A.

Nielsen JN *see* Richter EA, 211.

Nielsen JN & Wojtaszewski JFP *Regulation of glycogen synthase activity and phosphorylation by exercise*, DOI: 10.1079/PNS2004348, 233.

Nolan G, Murrin CM, Shiely F, Corrigan H, Gabhainn SN, Friel S & Kelleher CC *Consumption patterns of junk foods in young Irish individuals in relation to body mass index*, 137A.

Norton GNM, Anderson AS, Foster R & Hetherington MM *Investigating enhancement of intake by variety: the role of attention*, 107A.

Oakes ND *see* Storlien L, 363.

O'Callaghan YC & O'Brien NM *Immunomodulatory effects of β-sitosterol and β-sitosterol oxides*, 127A.

O'Brien MM, Galvin MA, Kiely M & Flynn AF *Patterns of vegetable and fruit consumption in compliers and non-compliers with dietary recommendations*, 123A.

Ogborne RM, Rushworth SA, Charalambos CA & O'Connell MA *α-Lipoic acid induces haem oxygenase-1 and ferritin expression in human monocytic cells*, 94A.

Ojuka EO *Role of calcium and AMP kinase in the regulation of mitochondrial biogenesis and GLUT4 levels in muscle*, DOI: 10.1079/PNS2004339, 275.

Oldroyd JC, Vyas A, Lambert C, Pritchard F, Dry J, James L, Khan A, McElduff P & Cruickshank JK *Is dietary micronutrient intake a limiting factor in fetal growth? A comparison of Pakistani and European origin women in Britain*, 132A.

Ong E, Cheong H, Blair S & Walsh C *A pilot study on peri-operative oral nutritional supplementation in malnourished peripheral vascular disease patients*, 13A.

Ong EGP, Eaton S & Pierro A *The need for enteral nutrition guidelines in surgical neonates: a tale of two countries*, 19A.

Ong EGP, Eaton S & Pierro A *The weakest link: information dissemination in parenteral nutrition management*, 16A.

Ordovas JM *The quest for cardiovascular health in the genomic era: nutrigenetics and plasma lipoproteins*, DOI: 10.1079/PNS2003313, 145.

Outram A, Davis M, Chitre V, Rollins H & Cheslyn-Curtis S *Percutaneous endoscopic gastrostomy (PEG) feeding tubes in children: 7-year experience in South Bedfordshire*, 11A.

Packianathan IC, Fuller NJ, Peterson DB, Wright A, Coward WA & Finer N *Suitability of the three-component model to track body composition changes following insulin treatment in type 2 diabetes*, 143A.

Padsar Y & Nelson M *Iron status, dietary intake and HFE mutation*, 38A.

Page KB, Maden KE, Elsammak MY & McAlindon ME *The cost of catheter-related sepsis*, 24A.

Page KB, Maden KE, Turzyniecka MJ & McAlindon ME *Incidence of catheter-related sepsis with different catheter types*, 24A.

Papadaki A & Scott JA *The Mediterranean Eating in Scotland Experience (MESE) project: impact of an Internet-based, tailored intervention on dietary behaviour*, 109A.

Parkinson EJ, Townsend P, Stephanou A, Eaton S, Latchman D & Pierro A *Hepatic apoptotic signalling is attenuated following hypothermic intestinal ischaemia reperfusion*, 3A.

Parsons TJ, Power C & Manor O *Television viewing in adolescence and change in body mass index in the 1958 British birth cohort*, 104A.

Pattison DJ, Symmons DPM & Young A *Does diet have a role in the aetiology of rheumatoid arthritis?* DOI: 10.1079/PNS2003319, 137.

Peake HJ & Frost GS *The volume of enteral tube feed delivered to critically ill patients during their stay on an intensive care unit*, 29A.

Pearce S *see* Symonds M, 397.

Pedersen BK, Steensberg A, Fischer C, Keller C, Keller P, Plomgaard P, Wolsk-Petersen E & Febbraio M *The metabolic role of IL-6 produced during exercise: is IL-6 an exercise factor?* DOI: 10.1079/PNS2004338, 263.

Pentieva K *see* McNulty K, 529.

Pentieva K *see* Strain JJ, 597.

Pickerd N, Tuthill D & Plummer S *The probiotic organisms* Bifidobacterium bifidum *and* Lactobacillus acidophilus *do not inhibit the growth of pathogenic bacteria in infant formula*, 15A.

Pilegaard H & Neufer PD *Transcriptional regulation of pyruvate dehydrogenase kinase 4 in skeletal muscle during and after exercise*, DOI: 10.1079/PNS2004345, 221.

Plomgaard P *see* Pedersen BK, 263.

Ploug T *see* Donsmark M, 309.

Pohl J, Ring A, Ehehalt R, Herrmann T & Stremmel W *New concepts of cellular fatty acid uptake: role of fatty acid transport proteins and of caveolae*, DOI: 10.1079/PNS2004341, 259.

Pöschl G, Stickel F, Wang XD & Seitz HK *Alcohol and cancer: genetic and nutritional aspects*, DOI: 10.1079/PNS2003323, 65.

Pouch M-N *see* Taillandier D, 357.

Powers H *see* Duthie SJ, 571.

Preedy VR *see* Whelan K, 105.

Price GM, Uauy R, Breeze E, Bulpitt CJ & Fletcher AE *Is elevated body mass index associated with an increased risk of mortality in individuals over 75 years old?* 135A.

Proteggente AR, Turner R, Rota C, Majewicz J, Minihane A-M, Rimbach G, Krämer K & Lodge JK *Plasma biokinetics of natural and synthetic α-tocopherol in healthy apolipoprotein-E4 male smokers and non-smokers*, 91A.

Puglia FA & Henry CJK *The role of meat protein in influencing satiety*, 62A.

Rabiee F *Focus-group interview and data analysis*, DOI: 10.1079/PNS2004399, 655.

Ralston K & Wise A *Acceptability of different mixtures of wholegrain and white flour in spaghetti*, 43A.

Rayman MP, Thompson AJ, Catterick J, Warren-Perry M, Bliss J, Hall E & Beckett GJ *Selenium and thyroid function in the elderly: results from the UK PRECISE Trial pilot study*, 31A.

Reid V, Magoche N, Fitzpatric P, Murrin C, Comerford D & Kelleher C *Fruit intake of hospital staff: how does it compare with national data?* 124A.

Reid CL *Nutritional requirements of surgical and critically-ill patients: do we really know what they need?* DOI: 10.1079/PNS2004374, 467.

Rennie KL, Livingstone MBE, Wells JCK, McGloin A, Coward WA & Jebb SA *Association of physical activity with body composition indices in children aged 6–8 years at varying risk of obesity*, 105A.

Richter EA, Nielsen JN, Jørgensen SB, Frøsig C, Birk JB & Wojtaszewski JFP *Exercise signalling to glucose transport in skeletal muscle*, DOI: 10.1079/PNS2004343, 211.

Ring A *see* Pohl J, 259.

Robertson MD, Dennis AL, Bickerton AST, Currie JM & Frayn KN *Change in adipose tissue function following a high-fibre diet*, 118A.

Roepstorff C, Wulff Helge J, Vistisen B & Kiens B *Studies of plasma membrane fatty acid-binding protein and other lipid-binding proteins in human skeletal muscle*, DOI: 10.1079/PNS2004332, 239.

Rogers IS, Gunnell DJ, Emmett PM, Glynn LR, Dunger DB & Holly JM *Cross-sectional associations of diet and insulin-like growth factor levels in 7–8-year-old children*, 101A.

Rondo PHC & Tomkins A *Overweight and obesity among women in the postpartum period*, 134A.

Roux CWL, Aylwin SJB, Shurey S, Prasad V, Coyle F, Darroch P, Ghatei MA, Patel AG & Bloom SR *Gut hormone changes may explain appetite and glycaemic control effects of bariatric surgery*, 85A.

Ruderman NB *see* Tomas E, 381.

Rushworth SA, Charalambos CA, Ogborne RM & O'Connell MA *Curcumin induction of antioxidant response element-regulated genes in primary human monocytes*, 93A.

Rushworth SA, Everett K & O'Connell MA *Dietary polyphenols differentially regulate CD40-mediated VCAM-1 and tissue factor mRNA expression in human endothelial cells*, 34A.

Ryan A, Flood P, Rowley S & Reynolds JV *Obesity as a risk factor for adenocarcinoma of the oesophagus*, 10A.

Ryan A, Rowley S, Flood P & Reynolds JV *Obesity is a risk factor for adenocarcinoma of the oesophagus*, 87A.

Ryan E, O'Sullivan SM & O'Brien NM *An investigation of the toxic effects of cholesterol oxide mixtures towards human U937 cells*, 97A.

Ryan L, O'Callaghan YC & O'Brien NM *The effect of antioxidants and inhibitors of apoptosis on cholesterol 5β,6β-epoxide-induced cell death in U937 cells*, 69A.

Ryan L, O'Callaghan YC & O'Brien NM *The role of the mitochondria in apoptosis induced by cholesterol 5β,6β-epoxide and 7β-hydroxycholesterol*, 68A.

Saha AK *see* Tomas E, 381.

Salah SM, Bunn JEG & Maxwell SM *Dietary practices of a Somali population in Liverpool*, 125A.

Samuels SE *see* Taillandier D, 357.

Sanchez E, Ortega-Cerrilla ME, Landois L, Mendoza G & Buntinx S *Response of lambs fed maize stover treated with urea to supplementation of rumen-protected methionine*, 133A.

Sanders TAB, Lewis FJ, Slaughter S, Griffin MD, Millward DJ, Cooper JA & Miller GJ *Effects of the dietary ratio of n-6:n-3 polyunsaturated fatty acids on clotting factor VII in the fasting and postprandial state: the 'OPTILIP' study*, 128A.

Schrauwen P & Hesselink MKC *The role of uncoupling protein 3 in fatty acid metabolism: protection against lipotoxicity?* DOI: 10.1079/PNS2004336, 287.

Sculley DV & Langley-Evans SC *Intra-uterine programming of hepatic glutathione in relation to oxidative injury and ageing*, 94A.

Seitz HK *see* Pöschl G, 65.

Shanely RA *see* Booth FW, 199.

Shanmugavelu S, Pirgozliev VR, Brooker JD, Acamovic T & Rose SP *Studies on the fermentation patterns of wheat samples, differing in their chemical characteristics, using ileal microflora from chicks*, 50A.

Sharp L *see* Duthie SJ, 571.

Sharp P *The molecular basis of copper and iron interactions*, DOI: 10.1079/PNS2004386, 563.

Sheikh-Ismail LI, Henry CJK & Lightowler HJ *Energy and nutrient intake during the menstrual cycle in females living in the United Arab Emirates*, 59A.

Shiely F, Murrin CM, Friel S, Nolan G & Kelleher CC *Household activity is a significant component of physical activity estimation in the Irish population*, 113A.

Silk DBA *Chronic idiopathic intestinal pseudo-obstruction: the need for a multidisciplinary approach to management*, DOI: 10.1079/PNS2004375, 473.

Simpson RJ *see* McGregor J, 11.

Slater C, Preston T & Weaver LT *A ^{2}H-labelled mixed triacylglycerol test for intraluminal fat digestion*, 143A.

Smith S *see* Davidson I, 421.

Sneddon AA, MacLeod E, Wahle KWJ & Arthur JR *Conjugated linoleic acid (CLA) regulates basal and inducible cytokine expression in endothelial cells*, 59A.

Soulsby CT, Evans DF, Yazaki E & Powell-Tuck J *Real-time measurement of enteral feed tolerance in critically ill patients: is there a role for electric impedance tomographic spectroscopy?* 8A.

Spiro A, Baldwin C, Patterson A & Andreyev J *The views and practices of oncologists towards nutritional support in patients receiving chemotherapy*, 10A.

Spriet LL *see* Watt MJ, 315.

Sripanyakorn S, Jugdaohsingh R, Davidson S, Thompson RPH & Powell JJ *Moderate alcohol ingestion acutely inhibits bone resorption in a parathyroid hormone- and calcitonin-independent fashion*, 130A.

Steensberg A *see* Pedersen BK, 263.

Stefanutti G, Pierro A, Spitz L & Eaton S *Systemic oxidative stress following intestinal ischaemia and reperfusion: beneficial effects of moderate hypothermia*, 15A.

Stefanutti G, Vejchapipat P, Williams SR, Pierro A & Eaton S *Effects of intestinal ischaemia and reperfusion and moderate hypothermia on cardiac energy metabolism*, 2A.

Stephen AI *Baseline results for cognitive function in relation to nutrition risk of community-living older people from the Mineral and Vitamin Intervention Study trial*, 44A.

Stephenson T *see* Hyatt MA, 127.

Stephenson T *see* Symonds ME, 397.

Stich V & Berlan M *Physiological regulation of NEFA availability: lipolysis pathway*, DOI: 10.1079/PNS2004350, 369.

Stickel F *see* Pöschl G, 65.

Storlien L, Oakes ND & Kelley DE *Metabolic flexibility*, DOI: 10.1079/PNS2004349, 363.

Strain JJ, Dowey L, Ward M, Pentieva K & McNulty H *B-vitamins, homocysteine metabolism and CVD*, DOI: 10.1079/PNS2004390, 597.

Stratton RJ, Hackston AJ, Price S, Joseph K & Elia M *Concurrent validity of the newly developed Malnutrition Universal Screening Tool ('MUST') with Mini Nutritional Assessment and Subjective Global Assessment tools*, 17A.

Stremmel W *see* Pohl J, 259.

Strik CM, Warren JM & Henry CJK *The effect of breakfast type on lunch intake in primary school children*, 116A.

Sullivan N & Burley VJ *What's in a snack? Analysis of meals, snacks and drinks in the UK Women's Cohort Study*, 60A.

Suter PM *Alcohol, nutrition and health maintenance: selected aspects*, DOI: 10.1079/PNS2003326, 81.

Swan G *Findings from the latest National Diet and Nutrition Survey*, DOI: 10.1079/PNS2004381, 505.

Symmons DPM *see* Pattison DJ, 137.

Symonds ME *see* Hyatt MA, 127.

Symonds ME, Pearce S, Bispham J, Gardner DS & Stephenson T *Timing of nutrient restriction and programming of fetal adipose tissue development*, DOI: 10.1079/PNS2004366, 397.

Taillandier D, Combaret L, Pouch M-N, Samuels SE, Béchet D & Attaix D *The role of ubiquitin–proteasome-dependent proteolysis in the remodelling of skeletal muscle*, DOI: 10.1079/PNS2004358, 357.

Talmud PJ *How to identify gene–environment interactions in a multifactorial disease: CHD as an example*, DOI: 10.1079/PNS2003311, 5.
Tasevska N, Runswick S & Bingham S *Can urinary sugars and thiamine be used as biomarkers to assess measurement error in dietary intake data?* 64A.
Taylor MA *see* Whelan K, 105.
Tedstone A *Food Standards Agency: nutrition*, DOI: 10.1079/PNS2004380, 501.
Tennant JP, Jai T & Sharp PA *Mechanisms involved in copper uptake by human intestinal epithelial cells*, 36A.
Thane CW & Coward WA *Dietary intake and sources of phylloquinone (vitamin K_1) according to age of British adults from a recent national survey*, 94A.
Thane CW & Coward WA *Dietary intake and sources of phylloquinone (vitamin K_1) according to social class of British adults surveyed in 1986–7 and 2000–1*, 125A.
Tighe P, Ward M, McNulty H, Finnegan O, Strain JJ, Dunne A, Molloy AM & Scott JM *Plasma homocysteine response to folic acid intervention in ischaemic heart disease patients: implications for food fortification policy*, 51A.
Tomas E, Kelly M, Xiang X, Tsao T-S, Keller C, Keller P, Luo Z, Lodish H, Saha AK, Unger R & Ruderman NB *Metabolic and hormonal interactions between muscle and adipose tissue*, DOI: 10.1079/PNS2004356, 381.
Troughton JA, Woodside JV, Young IS, Patterson CC, Arveiler D, Amouyel P, Ferrieres J, Ducimetriere P, Yarnell JWG & Evans A *Homocysteine and cardiovascular risk: the Prospective Epidemiological Study of Myocardial Infarction (PRIME)*, 92A.
Tsao T-S *see* Tomas E, 381.
Tuthill DP *A survey of UK and Eire neonatal nutrition policies*, 7A.

Unger R *see* Tomas E, 381.

Vafeiadou K, Hall WL, Minihane AM & Williams CM *Associations between cardiovascular risk factors, anthropometric characteristics and gene polymorphism distribution in postmenopausal women: data from a pan-European study (ISOHEART)*, 69A.
van Baak MA *see* Hesselink MKC, 189.
Van den Berghe G *see* Weekers F, 443.
van Loon LJC *Intramyocellular triacylglycerol as a substrate source during exercise*, DOI: 10.1079/PNS2004347, 301.
Vincent JB *Recent advances in the nutritional biochemistry of trivalent chromium*, DOI: 10.1079/PNS2003315, 41.
Vistisen B *see* Roepstorff C, 239.
Vyas A, Oldroyd J, James LA, Khan AJ, McElduff P & Cruickshank JK *Differences in nutrient intake in Pakistani- and European-origin women in pregnancy*, 121A.

Walker DA *see* Hyatt MA, 127.
Wallace RJ *Antimicrobial properties of plant secondary metabolites*, DOI: 10.1079/PNS2004393, 621.
Wang XD *see* Pöschl G, 65.
Ward M *see* Strain JJ, 597.
Watt MJ & Spriet LL *Regulation and role of hormone-sensitive lipase activity in human skeletal muscle*, DOI: 10.1079/PNS2004360, 315.
Weekers F & Van den Berghe G *Endocrine modifications and interventions during critical illness*, DOI: 10.1079/PNS2004373, 443.
Weldon SM, Hurley L, Loscher C, Gibney MJ & Roche HM *Eicosapentaenoic acid and docosahexaenoic acid decrease the production of pro-inflammatory cytokines by human THP-1 macrophages*, 68A.
Whelan K, Judd PA, Tuohy KM, Gibson GR, Preedy VR & Taylor MA *Faecal microflora and short-chain fatty acid concentrations in patients receiving enteral tube feeding*, 122A.
Whelan K, Judd PA, Preedy VR & Taylor MA *Enteral feeding: the effect on faecal output, the faecal microflora and SCFA concentrations*, DOI: 10.1079/PNS2003317, 105.
White C, deLooy A & Drummond S *A comparison of the effect of advice to simultaneously reduce both dietary fat and sucrose or dietary fat on perceived quality of life*, 64A.
White C, deLooy A & Drummond S *Perceived dietary change following advice to simultaneously reduce both dietary fat and sucrose or dietary fat*, 63A.
White C, deLooy A & Drummond S *Weight loss following advice to simultaneously reduce both dietary fat and sucrose or dietary fat: results from a 12-week intervention study*, 44A.
White S, Atkins M, Clark S, Torrance A, Hodgson L & Matthewson K *A retrospective study of 'One-Step', low-profile 'Button', gastrostomy insertion*, 11A.
Whybrow S, Mayer C & Stubbs RJ *Effects of snacks on energy intake as a function of habitual level of snack consumption*, 138A.
Whybrow S, Mayer C, Kirk T & Stubbs RJ *The effect of snack composition on energy intake and body weight*, 138A.
Whybrow S, Mayer C, Kirk T & Stubbs RJ *The effects of self-recording food intake on body weight over 7 d*, 108A.
Widegren U *see* Long YC, 227.
Wijmenga C & Klomp LW *Molecular regulation of copper excretion in the liver*, DOI: 10.1079/PNS2003316, 31.
Willett AM, Ginty F & Prentice A *Effects of calcium supplementation on vitamin D status in 16–18-year-old girls*, 39A.
Williams CM *Lipid metabolism in women*, DOI: 10.1079/PNS2003314, 153.
Williams CM *see* Brady LM, 115.
Williams JE, Fewtrell MS, Fuller NJ, Wilson CM & Wells JCK *An evaluation of dual-energy X-ray absorptiometry for assessing body composition*, 66A.
Wilson FA, Rees WD & Lobley GE *Methyl group deficiency and tissue methionine cycle activity*, 75A.
Wojtaszewski JFP *see* Nielsen JN, 233.
Wojtaszewski JFP *see* Richter EA, 211.
Wolsk-Petersen E *see* Pedersen BK, 263.
Wong MCY, Drayton S, Rajendram R, Bailey M, Emery PW, Preedy VR & Wiseman H *Identification of putative biomarkers of oxidative stress: an analysis of rat plasma by surface-enhanced laser desorption ionisation (SELDI) time-of-flight mass spectrometry (TOF-MS)*, 89A.
Wong MCY, Lynn E, Hunter R, Srirajaskanthan R, Preedy VR & Wiseman H *Is the ferric reducing antioxidant power assay a good marker of oxidative stress in laboratory animals?* 89A.
Wong MCY, Preedy VR, Sherwood R & Wiseman H *Phyto-oestrogen compounds for antioxidant studies: acute toxicity and hypoalbuminaemia*, 143A.
Wong MCY, Rajendram R, Duffy R, Portmann B, Wiseman H & Preedy VR *α-Tocopherol protects against D-galactosamine-induced hepatic injury*, 129A.
Wood C, Stubbs S, Warwick H, Dunnachie A, Elia M & Stratton RJ *Malnutrition risk and healthcare utilisation in orthopaedic patients*, 20A.
Wood CE, Lang R, Zohouri V, Adamson AJ, Seal CJ, Mathers JC & Moynihan PJ *The nutrient intake of older adults living in sheltered housing accommodation*, 83A.
Wood E, McMulkin A, Vicary FR & Wong VS *Does the input of a nutrition nurse specialist improve the outcome of patients referred for percutaneous endoscopic gastrostomy?* 22A.
Woodcock N & MacFie J *Optimal nutritional support*, DOI: 10.1079/PNS2004379, 451.
Woodside JV, McGimpsey SJ, Bamford L, Graydon R, Gilchrist SECM, McKeeman G, Patterson CC, Young IS, Hughes A, McGibbon D & Chakravarthy U *Retinal vein occlusion, homocysteine and methylene tetrahydrofolate reductase genotype*, 92A.
Wrieden WL, Cecil JE, Murie I, Bolton-Smith C, Watt P, Palmer CNA & Hetherington MM *Dietary differences and similarities amongst 5–9-year-old children from schools classified by the new Scottish indices of multiple deprivation*, 114A.
Wu KKH, Bowman R, Luben R, Khaw KT, Wareham N, Day NE & Bingham SA *Apolipoprotein E genotype and blood lipids in EPIC Norfolk*, 144A.
Wulff Helge J *see* Roepstorff C, 239.
Wynn E, Krieg MA, Cornuz J, Whittamore DR, Burckhardt P & New SA *Identification of key foods as sources of bone-health nutrients: further developmental work of a Swiss food-frequency questionnaire*, 40A.
Wynn E, Krieg MA, Cornuz J, Whittamore DR, Burckhardt P & New SA *Validation of a food-frequency questionnaire (FFQ) for assessment of bone health nutrients in a Swiss population: preliminary results*, 78A.

Xiang X *see* Tomas E, 381.

Yajnik CS *Obesity epidemic in India: intrauterine origins?* DOI: 10.1079/PNS2004365, 387.

Yakubu DP, Pearce S, Mostyn A, Stephenson T & Symonds ME *Effect of maternal cold exposure and nutrient restriction on the abundance of mitochondrial cytochrome c and voltage-dependent anion channel (VDAC) in the ovine kidney*, 74A.

Yan L, Zhou B, Nigdikar S, Bennett J & Prentice A *Influence of vitamin D status on carboxylation of osteocalcin in older people from China and Britain*, 35A.

Yaqoob P *Fatty acids and the immune system: from basic science to clinical applications*, DOI: 10.1079/PNS2003328, 89.

You M *see* Crabb DW, 49.

Young A *see* Pattison DJ, 137.

Yuen BSJ *see* Mcmillen IC, 405.

Zierath JR *see* Long YC, 227.

Abayomi J, Kirwan J, Hackett A & Bagnall G *Experiences of Women with Chronic Radiation Enteritis indicate the need for dietary advice*, 78A.

Index of Subjects

Acetaldehyde
Alcohol and cancer: genetic and nutritional aspects.
63, 65, 2004, DOI: 10.1079/PNS2003323

Acyl-CoA
New concepts of cellular fatty acid uptake: role of fatty acid transport proteins and of caveolae.
63, 259, 2004, DOI: 10.1079/PNS2004341

ADH3
How to identify gene–environment interactions in a multifactorial disease: CHD as an example.
63, 5, 2004, DOI: 10.1079/PNS2003311

Adiponectin
Metabolic and hormonal interactions between muscle and adipose tissue.
63, 381, 2004, DOI: 10.1079/PNS2004356

Adipose tissue
Lipid metabolism in women.
63, 153, 2004, DOI: 10.1079/PNS2003314
Physiological regulation of NEFA availability: lipolysis pathway.
63, 369, 2004, DOI: 10.1079/PNS2004350

Adiposity
Prenatal programming of postnatal obesity: fetal nutrition and the regulation of leptin synthesis and secretion before birth.
63, 405, 2004, DOI: 10.1079/PNS2004370

Adrenaline
Regulation and role of hormone-sensitive lipase in rat skeletal muscle.
63, 309, 2004, DOI: 10.1079/PNS2004359

Adult obesity
Timing of nutrient restriction and programming of fetal adipose tissue development.
63, 397, 2004, DOI: 10.1079/PNS2004366

Advanced cancer
Nutritional support in patients with advanced cancer: permission to fall out?
63, 431, 2004, DOI: 10.1079/PNS2004377

Air pollution
Dietary antioxidants and environmental stress.
63, 579, 2004, DOI: 10.1079/PNS2004388

Albumin
Fluid, electrolytes and nutrition: physiological and clinical aspects.
63, 453, 2004, DOI: 10.1079/PNS2004376

Alcohol
Alcohol, nutrition and health maintenance: selected aspects.
63, 81, 2004, DOI: 10.1079/PNS2003326

Alcohol consumption
Genetic modification of the effect of alcohol consumption on CHD.
63, 73, 2004, DOI: 10.1079/PNS2003321
How to identify gene–environment interactions in a multifactorial disease: CHD as an example.
63, 5, 2004, DOI: 10.1079/PNS2003311

Alcohol dehydrogenase
Overview of the role of alcohol dehydrogenase and aldehyde dehydrogenase and their variants in the genesis of alcohol-related pathology.
63, 49, 2004, DOI: 10.1079/PNS2003327

Alcohol metabolism
Genetic modification of the effect of alcohol consumption on CHD.
63, 73, 2004, DOI: 10.1079/PNS2003321

Alcohol–nutrient interactions
Alcohol and cancer: genetic and nutritional aspects.
63, 65, 2004, DOI: 10.1079/PNS2003323

Aldehyde dehydrogenase
Overview of the role of alcohol dehydrogenase and aldehyde dehydrogenase and their variants in the genesis of alcohol-related pathology.
63, 49, 2004, DOI: 10.1079/PNS2003327

AMP-activated protein kinase
Exercise signalling to glucose transport in skeletal muscle.
63, 211, 2004, DOI: 10.1079/PNS2004343
Metabolic and hormonal interactions between muscle and adipose tissue.
63, 381, 2004, DOI: 10.1079/PNS2004356
Regulation of glucose transport by the AMP-activated protein kinase.
63, 205, 2004, DOI: 10.1079/PNS2004340

AMP kinase
Role of calcium and AMP kinase in the regulation of mitochondrial biogenesis and GLUT4 levels in muscle.
63, 275, 2004, DOI: 10.1079/PNS2004339

Anaemia
The molecular basis of copper and iron interactions.
63, 563, 2004, DOI: 10.1079/PNS2004386

Antioxidants
Dietary antioxidants and environmental stress.
63, 579, 2004, DOI: 10.1079/PNS2004388
Micronutrients and cancer.
63, 587, 2004, DOI: 10.1079/PNS2004389

APOE
How to identify gene–environment interactions in a multifactorial disease: CHD as an example.
63, 5, 2004, DOI: 10.1079/PNS2003311

Biliary excretion
Molecular regulation of copper excretion in the liver.
63, 31, 2004, DOI: 10.1079/PNS2003316

Bioactive plants
Plant secondary metabolites: antiparasitic effects and their role in ruminant production systems.
63, 631, 2004, DOI: 10.1079/PNS2004396

Bioavailability of Fe
Iron nutrition in the UK: getting the balance right.
63, 519, 2004, DOI: 10.1079/PNS2004394

Brain preservation
Obesity epidemic in India: intrauterine origins?
63, 387, 2004, DOI: 10.1079/PNS2004365

Ca^{2+}/calmodulin-dependent kinase
The role of calcium and calcium/calmodulin-dependent kinases in skeletal muscle plasticity and mitochondrial biogenesis.
63, 279, 2004, DOI: 10.1079/PNS2004335

Ca^{2+}/calmodulin-dependent protein kinase
Exercise signalling to glucose transport in skeletal muscle.
63, 211, 2004, DOI: 10.1079/PNS2004343
Role of calcium and AMP kinase in the regulation of mitochondrial biogenesis and GLUT4 levels in muscle.
63, 275, 2004, DOI: 10.1079/PNS2004339

Caeruloplasmin
The molecular basis of copper and iron interactions.
63, 563, 2004, DOI: 10.1079/PNS2004386

Calcium ions
The role of calcium and calcium/calmodulin-dependent kinases in skeletal muscle plasticity and mitochondrial biogenesis.
63, 279, 2004, DOI: 10.1079/PNS2004335

Cancer
Alcohol and cancer: genetic and nutritional aspects.
63, 65, 2004, DOI: 10.1079/PNS2003323
Micronutrients and cancer.
63, 587, 2004, DOI: 10.1079/PNS2004389
Overview of the role of alcohol dehydrogenase and aldehyde dehydrogenase and their variants in the genesis of alcohol-related pathology.
63, 49, 2004, DOI: 10.1079/PNS2003327

Cardiac
Regulation of fatty acid transport by fatty acid translocase/CD36.
63, 245, 2004, DOI: 10.1079/PNS2004331

Cardiovascular health
The quest for cardiovascular health in the genomic era: nutrigenetics and plasma lipoproteins.
63, 145, 2004, DOI: 10.1079/PNS2003313

Caveolae
New concepts of cellular fatty acid uptake: role of fatty acid transport proteins and of caveolae.
63, 259, 2004, DOI: 10.1079/PNS2004341

Caveolin-1
New concepts of cellular fatty acid uptake: role of fatty acid transport proteins and of caveolae.
63, 259, 2004, DOI: 10.1079/PNS2004341

Central adiposity
Obesity epidemic in India: intrauterine origins?
63, 387, 2004, DOI: 10.1079/PNS2004365

CHD
Genetic modification of the effect of alcohol consumption on CHD.
63, 73, 2004, DOI: 10.1079/PNS2003321

Chromium
Recent advances in the nutritional biochemistry of trivalent chromium.
63, 41, 2004, DOI: 10.1079/PNS2003315

Chromium picolinate
Recent advances in the nutritional biochemistry of trivalent chromium.
63, 41, 2004, DOI: 10.1079/PNS2003315

Chromodulin
Recent advances in the nutritional biochemistry of trivalent chromium.
63, 41, 2004, DOI: 10.1079/PNS2003315

Chronic alcohol consumption
Alcohol and cancer: genetic and nutritional aspects.
63, 65, 2004, DOI: 10.1079/PNS2003323

Chronic idiopathic intestinal pseudo-obstruction
Chronic idiopathic intestinal pseudo-obstruction: the need for a multidisciplinary approach to management.
63, 473, 2004, DOI: 10.1079/PNS2004375

Clinical trials
Anti-cytokine and anti-inflammatory therapies for the treatment of severe sepsis: progress and pitfalls.
63, 437, 2004, DOI: 10.1079/PNS2004378

Colon cancer
Folate, DNA stability and colo-rectal neoplasia.
63, 571, 2004, DOI: 10.1079/PNS2004387

Contraction
Exercise signalling to glucose transport in skeletal muscle.
63, 211, 2004, DOI: 10.1079/PNS2004343
Regulation of glycogen synthase activity and phosphorylation by exercise.
63, 233, 2004, DOI: 10.1079/PNS2004348

Copper
Iron, copper and fetal development.
63, 553, 2004, DOI: 10.1079/PNS2004385

Copper metabolism
Molecular regulation of copper excretion in the liver.
63, 31, 2004, DOI: 10.1079/PNS2003316

Critical care
Anti-cytokine and anti-inflammatory therapies for the treatment of severe sepsis: progress and pitfalls.
63, 437, 2004, DOI: 10.1079/PNS2004378

Critical illness
Nutritional requirements of surgical and critically-ill patients: do we really know what they need?
63, 467, 2004, DOI: [illegible]0.1079/PNS2004374

Cu
The molecular basis of copper and iron interactions.
63, 563, 2004, DOI: 10.1079/PNS2004386

Cytochrome P450 2E1
Alcohol and cancer: genetic and nutritional aspects.
63, 65, 2004, DOI: 10.1079/PNS2003323

Cytokines
The metabolic role of IL-6 produced during exercise: is IL-6 an exercise factor?
63, 263, 2004, DOI: 10.1079/PNS2004338

Developing countries
Obesity epidemic in India: intrauterine origins?
63, 387, 2004, DOI: 10.1079/PNS2004365

Diabetes
The evolution of the nutritional management of diabetes.
63, 615, 2004, DOI: 10.1079/PNS2004392

Diacylglycerols
The molecular mechanism linking muscle fat accumulation to insulin resistance.
63, 375, 2004, DOI: 10.1079/PNS2004351

Diarrhoea
Enteral feeding: the effect on faecal output, the faecal microflora and SCFA concentrations.
63, 105, 2004, DOI: 10.1079/PNS2003317

Diet
Diet, genes and disease: implications for nutrition policy.
63, 491, 2004, DOI: 10.1079/PNS2004369
Does diet have a role in the aetiology of rheumatoid arthritis?
63, 137, 2004, DOI: 10.1079/PNS2003319
How to identify gene–environment interactions in a multifactorial disease: CHD as an example.
63, 5, 2004, DOI: 10.1079/PNS2003311
Micronutrients and cancer.
63, 587, 2004, DOI: 10.1079/PNS2004389
Studies of plasma membrane fatty acid-binding protein and other lipid-binding proteins in human skeletal muscle.
63, 239, 2004, DOI: 10.1079/PNS2004332

Diet and health
Food Standards Agency: nutrition.
63, 501, 2004, DOI: 10.1079/PNS2004380

Diet and lifestyle
The evolution of the nutritional management of diabetes.
63, 615, 2004, DOI: 10.1079/PNS2004392

Dietary change
Effecting dietary change.
63, 537, 2004, DOI: 10.1079/PNS2004395

Dietary change strategies
Food Standards Agency: nutrition.
63, 501, 2004, DOI: 10.1079/PNS2004380

Dietary patterns
Iron nutrition in the UK: getting the balance right.
63, 519, 2004, DOI: 10.1079/PNS2004394

Dietary recommendations
Individualized nutritional recommendations: do we have the measurements needed to assess risk and make dietary recommendations?
63, 167, 2004, DOI: 10.1079/PNS2003325

Dietary zinc absorption
Intestinal and placental zinc transport pathways.
63, 21, 2004, DOI: 10.1079/PNS2003320

Dietetics
Using interpretative phenomenological analysis for public health nutrition and dietetic research: a practical guide.
63, 647, 2004, DOI: 10.1079/PNS2004398

Disease
Diet, genes and disease: implications for nutrition policy.
63, 491, 2004, DOI: 10.1079/PNS2004369

Disease prevention
Alcohol, nutrition and health maintenance: selected aspects.
63, 81, 2004, DOI: 10.1079/PNS2003326

DMT1
The molecular basis of copper and iron interactions.
63, 563, 2004, DOI: 10.1079/PNS2004386

DNA methylation
Folate, DNA stability and colo-rectal neoplasia.
63, 571, 2004, DOI: 10.1079/PNS2004387

DNA stability
Folate, DNA stability and colo-rectal neoplasia.
63, 571, 2004, DOI: 10.1079/PNS2004387

Educational programmes
The evolution of the nutritional management of diabetes.
63, 615, 2004, DOI: 10.1079/PNS2004392

Effective interventions
Effecting dietary change.
63, 537, 2004, DOI: 10.1079/PNS2004395

Electrolytes
Fluid, electrolytes and nutrition: physiological and clinical aspects.
63, 453, 2004, DOI: 10.1079/PNS2004376

Endocrine sensitivity
Timing of nutrient restriction and programming of fetal adipose tissue development.
63, 397, 2004, DOI: 10.1079/PNS2004366

Endocrinology
Endocrine modifications and interventions during critical illness.
63, 443, 2004, DOI: 10.1079/PNS2004373

Energy and macronutrient intakes
Findings from the latest National Diet and Nutrition Survey.
63, 505, 2004, DOI: 10.1079/PNS2004381

Energy expenditure
Nutritional requirements of surgical and critically-ill patients: do we really know what they need?
63, 467, 2004, DOI: 10.1079/PNS2004374

Energy homeostasis
Metabolic and hormonal interactions between muscle and adipose tissue.
63, 381, 2004, DOI: 10.1079/PNS2004356

Enteral nutrition
Enteral feeding: the effect on faecal output, the faecal microflora and SCFA concentrations.
63, 105, 2004, DOI: 10.1079/PNS2003317
Optimal nutritional support.
63, 451, 2004, DOI: 10.1079/PNS2004379

Essential oils
Antimicrobial properties of plant secondary metabolites.
63, 621, 2004, DOI: 10.1079/PNS2004393

Ethical issues
Nutrigenomics, individualism and public health.
63, 161, 2004, DOI: 10.1079/PNS2003329

Exercise
Exercise-induced mitogen-activated protein kinase signalling in skeletal muscle.
63, 227, 2004, DOI: 10.1079/PNS2004346
Mitochondrial assembly: protein import.
63, 293, 2004, DOI: 10.1079/PNS2004342
Muscle glycogen and metabolic regulation.
63, 217, 2004, DOI: 10.1079/PNS2004344
Regulation and role of hormone-sensitive lipase in rat skeletal muscle.
63, 309, 2004, DOI: 10.1079/PNS2004359
Regulation of glucose transport by the AMP-activated protein kinase.
63, 205, 2004, DOI: 10.1079/PNS2004340
Regulation of glycogen synthase activity and phosphorylation by exercise.
63, 233, 2004, DOI: 10.1079/PNS2004348
Studies of plasma membrane fatty acid-binding protein and other lipid-binding proteins in human skeletal muscle.
63, 239, 2004, DOI: 10.1079/PNS2004332
The metabolic role of IL-6 produced during exercise: is IL-6 an exercise factor?
63, 263, 2004, DOI: 10.1079/PNS2004338
The role of ubiquitin–proteasome-dependent proteolysis in the remodelling of skeletal muscle.
63, 357, 2004, DOI: 10.1079/PNS2004358
Transcriptional regulation of pyruvate dehydrogenase kinase 4 in skeletal muscle during and after exercise.
63, 221, 2004, DOI: 10.1079/PNS2004345

Extracellular signal-regulated kinase
Regulation and role of hormone-sensitive lipase in rat skeletal muscle.
63, 309, 2004, DOI: 10.1079/PNS2004359

FAT/CD36
New concepts of cellular fatty acid uptake: role of fatty acid transport proteins and of caveolae.
63, 259, 2004, DOI: 10.1079/PNS2004341

Fat oxidation
Regulation and role of hormone-sensitive lipase activity in human skeletal muscle.
63, 315, 2004, DOI: 10.1079/PNS2004360

Fatty acid
Fatty acids and the immune system: from basic science to clinical applications.
63, 89, 2004, DOI: 10.1079/PNS2003328

Fatty acid metabolism
Basic disturbances in skeletal muscle fatty acid metabolism in obesity and type 2 diabetes mellitus.
63, 323, 2004, DOI: 10.1079/PNS2004361
The role of uncoupling protein 3 in fatty acid metabolism: protection against lipotoxicity?
63, 287, 2004, DOI: 10.1079/PNS2004336

Fatty acid transport proteins
New concepts of cellular fatty acid uptake: role of fatty acid transport proteins and of caveolae.
63, 259, 2004, DOI: 10.1079/PNS2004341

Fatty acyl-CoA
The molecular mechanism linking muscle fat accumulation to insulin resistance.
63, 375, 2004, DOI: 10.1079/PNS2004351

Fe
The molecular basis of copper and iron interactions.
63, 563, 2004, DOI: 10.1079/PNS2004386

Fe-deficiency risk
Iron nutrition in the UK: getting the balance right.
63, 519, 2004, DOI: 10.1079/PNS2004394

Fe intake and status
Iron nutrition in the UK: getting the balance right.
63, 519, 2004, DOI: 10.1079/PNS2004394

Fetal adipose tissue development
Timing of nutrient restriction and programming of fetal adipose tissue development.
63, 397, 2004, DOI: 10.1079/PNS2004366

Fetal and neonatal development
Ontogeny and nutritional manipulation of the hepatic prolactin–growth hormone–insulin-like growth factor axis in the ovine fetus and in neonate and juvenile sheep.
63, 127, 2004, DOI: 10.1079/PNS2003324

Fetal body composition
Obesity epidemic in India: intrauterine origins?
63, 387, 2004, DOI: 10.1079/PNS2004365

Fetal nutrition
Prenatal programming of postnatal obesity: fetal nutrition and the regulation of leptin synthesis and secretion before birth.
63, 405, 2004, DOI: 10.1079/PNS2004370

Fetus
Prenatal programming of postnatal obesity: fetal nutrition and the regulation of leptin synthesis and secretion before birth.
63, 405, 2004, DOI: 10.1079/PNS2004370

Fibre
Enteral feeding: the effect on faecal output, the faecal microflora and SCFA concentrations.
63, 105, 2004, DOI: 10.1079/PNS2003317

Fish oil
Fatty acids and the immune system: from basic science to clinical applications.
63, 89, 2004, DOI: 10.1079/PNS2003328

Fish oils
Dietary PUFA and the metabolic syndrome in Indian Asians living in the UK.
63, 115, 2004, DOI: 10.1079/PNS2003318

Focus-group interviews
Focus-group interview and data analysis.
63, 655, 2004, DOI: 10.1079/PNS2004399

Folate
B-vitamins, homocysteine metabolism and CVD.
63, 597, 2004, DOI: 10.1079/PNS2004390
Folate, DNA stability and colo-rectal neoplasia.
63, 571, 2004, DOI: 10.1079/PNS2004387
Micronutrients and cancer.
63, 587, 2004, DOI: 10.1079/PNS2004389

Folate bioavailability methodology
Folate bioavailability.
63, 529, 2004, DOI: 10.1079/PNS2004383

Folate requirements
Folate bioavailability.
63, 529, 2004, DOI: 10.1079/PNS2004383

Folic acid
Folate bioavailability.
63, 529, 2004, DOI: 10.1079/PNS2004383

Food consumption
Findings from the latest National Diet and Nutrition Survey.
63, 505, 2004, DOI: 10.1079/PNS2004381

Food folate
Folate bioavailability.
63, 529, 2004, DOI: 10.1079/PNS2004383

Food fortification
Public health aspects of food fortification: a question of balance.
63, 605, 2004, DOI: 10.1079/PNS2004391

Food Standards Agency
Food Standards Agency: nutrition.
63, 501, 2004, DOI: 10.1079/PNS2004380

Foods Standard Agency
Workshop on funding opportunities within the Food Standards Agency.
63, 549, 2004, DOI: 10.1079/PNS2004384

Funding opportunities
Workshop on funding opportunities within the Food Standards Agency.
63, 549, 2004, DOI: 10.1079/PNS2004384

Gastrointestinal function
Fluid, electrolytes and nutrition: physiological and clinical aspects.
63, 453, 2004, DOI: 10.1079/PNS2004376

Gastrointestinal parasites
Plant secondary metabolites: antiparasitic effects and their role in ruminant production systems.
63, 631, 2004, DOI: 10.1079/PNS2004396

Gender
Studies of plasma membrane fatty acid-binding protein and other lipid-binding proteins in human skeletal muscle.
63, 239, 2004, DOI: 10.1079/PNS2004332

Gene–environment interaction
How to identify gene–environment interactions in a multifactorial disease: CHD as an example.
63, 5, 2004, DOI: 10.1079/PNS2003311
The biochemical basis of the health effects of exercise: an integrative view.
63, 199, 2004, DOI: 10.1079/PNS2004337

Genes
Diet, genes and disease: implications for nutrition policy.
63, 491, 2004, DOI: 10.1079/PNS2004369

Genetic polymorphism
Anti-cytokine and anti-inflammatory therapies for the treatment of severe sepsis: progress and pitfalls.
63, 437, 2004, DOI: 10.1079/PNS2004378

Giant vesicles
Regulation of fatty acid transport by fatty acid translocase/CD36.
63, 245, 2004, DOI: 10.1079/PNS2004331

Glucose uptake
Regulation of glucose transport by the AMP-activated protein kinase.
63, 205, 2004, DOI: 10.1079/PNS2004340

GLUT4
Role of calcium and AMP kinase in the regulation of mitochondrial biogenesis and GLUT4 levels in muscle.
63, 275, 2004, DOI: 10.1079/PNS2004339

Glycogen
Muscle glycogen and metabolic regulation.
63, 217, 2004, DOI: 10.1079/PNS2004344

Glycogen synthase
Regulation of glycogen synthase activity and phosphorylation by exercise.
63, 233, 2004, DOI: 10.1079/PNS2004348

GM organisms
Public health nutrition and genetics: implications for nutrition policy and promotion.
63, 173, 2004, DOI: 10.1079/PNS2003330

Growth
Mechanotransduction and the regulation of protein synthesis in skeletal muscle.
63, 331, 2004, DOI: 10.1079/PNS2004357

Health
Physical activity and health, novel concepts and new targets: report from the 12th Conference of the International Research Group on the Biochemistry of Exercise.
63, 189, 2004, DOI: 10.1079/PNS2004353

Health maintenance
Alcohol, nutrition and health maintenance: selected aspects.
63, 81, 2004, DOI: 10.1079/PNS2003326

Helminths
Plant secondary metabolites: antiparasitic effects and their role in ruminant production systems.
63, 631, 2004, DOI: 10.1079/PNS2004396

Home parenteral nutrition
Nutritional support in patients with advanced cancer: permission to fall out?
63, 431, 2004, DOI: 10.1079/PNS2004377

Homocysteine
B-vitamins, homocysteine metabolism and CVD.
63, 597, 2004, DOI: 10.1079/PNS2004390

Hormone-sensitive lipase
Regulation and role of hormone-sensitive lipase in rat skeletal muscle.
63, 309, 2004, DOI: 10.1079/PNS2004359

Hypertrophy
Mechanotransduction and the regulation of protein synthesis in skeletal muscle.
63, 331, 2004, DOI: 10.1079/PNS2004357

Hypothalamic leptin sensitivity
Appetite regulation and seasonality: implications for obesity.
63, 413, 2004, DOI: 10.1079/PNS2004367

IL-6
Metabolic and hormonal interactions between muscle and adipose tissue.
63, 381, 2004, DOI: 10.1079/PNS2004356
The metabolic role of IL-6 produced during exercise: is IL-6 an exercise factor?
63, 263, 2004, DOI: 10.1079/PNS2004338

Immune response
Are there functional consequences of a reduction in selenium intake in UK subjects?
63, 513, 2004, DOI: 10.1079/PNS2004382

Immunity
Fatty acids and the immune system: from basic science to clinical applications.
63, 89, 2004, DOI: 10.1079/PNS2003328

Indian Asians
Dietary PUFA and the metabolic syndrome in Indian Asians living in the UK.
63, 115, 2004, DOI: 10.1079/PNS2003318

Individualism
Nutrigenomics, individualism and public health.
63, 161, 2004, DOI: 10.1079/PNS2003329

Individualized nutrition
Individualized nutritional recommendations: do we have the measurements needed to assess risk and make dietary recommendations?
63, 167, 2004, DOI: 10.1079/PNS2003325

Inflammation
Fatty acids and the immune system: from basic science to clinical applications.
63, 89, 2004, DOI: 10.1079/PNS2003328

Injury
Nutritional screening: pitfalls of nutritional screening in the injured obese patient.
63, 421, 2004, DOI: 10.1079/PNS2004371

Insulin-like growth factor 1
Insulin-like growth factor 1 and muscle growth: implication for satellite cell proliferation.
63, 337, 2004, DOI: 10.1079/PNS2004354

Insulin resistance
Intramyocellular triacylglycerol as a substrate source during exercise.
63, 301, 2004, DOI: 10.1079/PNS2004347
Metabolic and hormonal interactions between muscle and adipose tissue.
63, 381, 2004, DOI: 10.1079/PNS2004356
The molecular mechanism linking muscle fat accumulation to insulin resistance.
63, 375, 2004, DOI: 10.1079/PNS2004351

Insulin sensitivity
Dietary PUFA and the metabolic syndrome in Indian Asians living in the UK.
63, 115, 2004, DOI: 10.1079/PNS2003318

Interpretative phenomenological analysis
Using interpretative phenomenological analysis for public health nutrition and dietetic research: a practical guide.
63, 647, 2004, DOI: 10.1079/PNS2004398

Intramuscular triacylglycerol
Regulation and role of hormone-sensitive lipase activity in human skeletal muscle.
63, 315, 2004, DOI: 10.1079/PNS2004360

Intramuscular triacylglycerols
Intramyocellular triacylglycerol as a substrate source during exercise.
63, 301, 2004, DOI: 10.1079/PNS2004347

Intramyocellular lipid
Intramyocellular triacylglycerol as a substrate source during exercise.
63, 301, 2004, DOI: 10.1079/PNS2004347

Intramyocellular lipids
The molecular mechanism linking muscle fat accumulation to insulin resistance.
63, 375, 2004, DOI: 10.1079/PNS2004351

Intrauterine influence
Obesity epidemic in India: intrauterine origins?
63, 387, 2004, DOI: 10.1079/PNS2004365

Iron
Iron, copper and fetal development.
63, 553, 2004, DOI: 10.1079/PNS2004385

Iron absorption
Of mice and men: genetic determinants of iron status.
63, 11, 2004, DOI: 10.1079/PNS2003312

Iron deficiency
Of mice and men: genetic determinants of iron status.
63, 11, 2004, DOI: 10.1079/PNS2003312

Iron overload
Of mice and men: genetic determinants of iron status.
63, 11, 2004, DOI: 10.1079/PNS2003312

Irritable bowel syndrome
Chronic idiopathic intestinal pseudo-obstruction: the need for a multidisciplinary approach to management.
63, 473, 2004, DOI: 10.1079/PNS2004375

Leptin
Prenatal programming of postnatal obesity: fetal nutrition and the regulation of leptin synthesis and secretion before birth.
63, 405, 2004, DOI: 10.1079/PNS2004370

Leptin signalling
Appetite regulation and seasonality: implications for obesity.
63, 413, 2004, DOI: 10.1079/PNS2004367

Lipid and carbohydrate utilization
Metabolic flexibility.
63, 363, 2004, DOI: 10.1079/PNS2004349

Lipid-binding proteins
Studies of plasma membrane fatty acid-binding protein and other lipid-binding proteins in human skeletal muscle.
63, 239, 2004, DOI: 10.1079/PNS2004332

Lipid metabolism
Lipid metabolism in women.
63, 153, 2004, DOI: 10.1079/PNS2003314

Lipid rafts
New concepts of cellular fatty acid uptake: role of fatty acid transport proteins and of caveolae.
63, 259, 2004, DOI: 10.1079/PNS2004341

Lipolysis
Physiological regulation of NEFA availability: lipolysis pathway.
63, 369, 2004, DOI: 10.1079/PNS2004350
Regulation and role of hormone-sensitive lipase activity in human skeletal muscle.
63, 315, 2004, DOI: 10.1079/PNS2004360

Lipotoxicity
The role of uncoupling protein 3 in fatty acid metabolism: protection against lipotoxicity?
63, 287, 2004, DOI: 10.1079/PNS2004336

Liver
Ontogeny and nutritional manipulation of the hepatic prolactin–growth hormone–insulin-like growth factor axis in the ovine fetus and in neonate and juvenile sheep.
63, 127, 2004, DOI: 10.1079/PNS2003324
Overview of the role of alcohol dehydrogenase and aldehyde dehydrogenase and their variants in the genesis of alcohol-related pathology.
63, 49, 2004, DOI: 10.1079/PNS2003327

Lung function
Dietary antioxidants and environmental stress.
63, 579, 2004, DOI: 10.1079/PNS2004388

Lymphocyte
Fatty acids and the immune system: from basic science to clinical applications.
63, 89, 2004, DOI: 10.1079/PNS2003328

Macrophage
Fatty acids and the immune system: from basic science to clinical applications.
63, 89, 2004, DOI: 10.1079/PNS2003328

Magnetic resonance spectroscopy
Intramyocellular triacylglycerol as a substrate source during exercise.
63, 301, 2004, DOI: 10.1079/PNS2004347

Malignant gastrointestinal obstruction
Nutritional support in patients with advanced cancer: permission to fall out?
63, 431, 2004, DOI: 10.1079/PNS2004377

Malnutrition
Optimal nutritional support.
63, 451, 2004, DOI: 10.1079/PNS2004379

Malonyl-CoA
Metabolic and hormonal interactions between muscle and adipose tissue.
63, 381, 2004, DOI: 10.1079/PNS2004356

Mammalian target of rapamycin
Regulation of protein synthesis associated with skeletal muscle hypertrophy by insulin-, amino acid- and exercise-induced signalling.
63, 351, 2004, DOI: 10.1079/PNS2004355

Manipulation
Antimicrobial properties of plant secondary metabolites.
63, 621, 2004, DOI: 10.1079/PNS2004393

Maternal nutrient restriction
Timing of nutrient restriction and programming of fetal adipose tissue development.
63, 397, 2004, DOI: 10.1079/PNS2004366

Maternal nutrition
Ontogeny and nutritional manipulation of the hepatic prolactin–growth hormone–insulin-like growth factor axis in the ovine fetus and in neonate and juvenile sheep.
63, 127, 2004, DOI: 10.1079/PNS2003324

Metabolic flexibility
Metabolic flexibility.
63, 363, 2004, DOI: 10.1079/PNS2004349

Metabolic syndrome
Dietary PUFA and the metabolic syndrome in Indian Asians living in the UK.
63, 115, 2004, DOI: 10.1079/PNS2003318
Metabolic flexibility.
63, 363, 2004, DOI: 10.1079/PNS2004349

Metabolism
Endocrine modifications and interventions during critical illness.
63, 443, 2004, DOI: 10.1079/PNS2004373

Metabolomics
Individualized nutritional recommendations: do we have the measurements needed to assess risk and make dietary recommendations?
63, 167, 2004, DOI: 10.1079/PNS2003325

Microflora
Enteral feeding: the effect on faecal output, the faecal microflora and SCFA concentrations.
63, 105, 2004, DOI: 10.1079/PNS2003317

Micronutrient intakes
Findings from the latest National Diet and Nutrition Survey.
63, 505, 2004, DOI: 10.1079/PNS2004381
Public health aspects of food fortification: a question of balance.
63, 605, 2004, DOI: 10.1079/PNS2004391

Micronutrients
Public health nutrition and genetics: implications for nutrition policy and promotion.
63, 173, 2004, DOI: 10.1079/PNS2003330

Mitochondrial biogenesis
Involvement of PPARγ co-activator-1, nuclear respiratory factors 1 and 2, and PPARα in the adaptive response to endurance exercise.
63, 269, 2004, DOI: 10.1079/PNS2004334
Role of calcium and AMP kinase in the regulation of mitochondrial biogenesis and GLUT4 levels in muscle.
63, 275, 2004, DOI: 10.1079/PNS2004339
The role of calcium and calcium/calmodulin-dependent kinases in skeletal muscle plasticity and mitochondrial biogenesis.
63, 279, 2004, DOI: 10.1079/PNS2004335

Mitochondrial disease
Mitochondrial assembly: protein import.
63, 293, 2004, DOI: 10.1079/PNS2004342

Mitogen-activated protein kinase
Exercise-induced mitogen-activated protein kinase signalling in skeletal muscle.
63, 227, 2004, DOI: 10.1079/PNS2004346

mRNA translation
Regulation of protein synthesis associated with skeletal muscle hypertrophy by insulin-, amino acid- and exercise-induced signalling.
63, 351, 2004, DOI: 10.1079/PNS2004355

MTHFR
Folate, DNA stability and colo-rectal neoplasia.
63, 571, 2004, DOI: 10.1079/PNS2004387

Multi-Cu ferroxidase
How are genes measured? Examples from studies on iron metabolism in pregnancy.
63, 481, 2004, DOI: 10.1079/PNS2004368

Multidisciplinary management model
Chronic idiopathic intestinal pseudo-obstruction: the need for a multidisciplinary approach to management.
63, 473, 2004, DOI: 10.1079/PNS2004375

MURR1
Molecular regulation of copper excretion in the liver.
63, 31, 2004, DOI: 10.1079/PNS2003316

Muscle
The metabolic role of IL-6 produced during exercise: is IL-6 an exercise factor?
63, 263, 2004, DOI: 10.1079/PNS2004338

Muscle activity and disuse
The role of ubiquitin–proteasome-dependent proteolysis in the remodelling of skeletal muscle.
63, 357, 2004, DOI: 10.1079/PNS2004358

Muscle fibre types
Regulation and role of hormone-sensitive lipase in rat skeletal muscle.
63, 309, 2004, DOI: 10.1079/PNS2004359

Muscle metabolism
Intramyocellular triacylglycerol as a substrate source during exercise.
63, 301, 2004, DOI: 10.1079/PNS2004347

Muscle wasting
The role of ubiquitin–proteasome-dependent proteolysis in the remodelling of skeletal muscle.
63, 357, 2004, DOI: 10.1079/PNS2004358

Myocytes
Regulation of fatty acid transport by fatty acid translocase/CD36.
63, 245, 2004, DOI: 10.1079/PNS2004331

Myostatin
Calcineurin and skeletal muscle growth.
63, 341, 2004, DOI: 10.1079/PNS2004362

National Diet and Nutrition Survey
Findings from the latest National Diet and Nutrition Survey.
63, 505, 2004, DOI: 10.1079/PNS2004381

Non-communicable diseases
Public health nutrition and genetics: implications for nutrition policy and promotion.
63, 173, 2004, DOI: 10.1079/PNS2003330

Nuclear factor of activated T cell and myocyte-enhancing factor 2 signalling
Calcineurin and skeletal muscle growth.
63, 341, 2004, DOI: 10.1079/PNS2004362

Nutrigenetics
The quest for cardiovascular health in the genomic era: nutrigenetics and plasma lipoproteins.
63, 145, 2004, DOI: 10.1079/PNS2003313

Nutrigenomics
Individualized nutritional recommendations: do we have the measurements needed to assess risk and make dietary recommendations?
63, 167, 2004, DOI: 10.1079/PNS2003325
Nutrigenomics, individualism and public health.
63, 161, 2004, DOI: 10.1079/PNS2003329
Public health nutrition and genetics: implications for nutrition policy and promotion.
63, 173, 2004, DOI: 10.1079/PNS2003330

Nutrition
Using interpretative phenomenological analysis for public health nutrition and dietetic research: a practical guide.
63, 647, 2004, DOI: 10.1079/PNS2004398

Nutrition policy
Diet, genes and disease: implications for nutrition policy.
63, 491, 2004, DOI: 10.1079/PNS2004369

Nutritional assessment
Nutritional screening: pitfalls of nutritional screening in the injured obese patient.
63, 421, 2004, DOI: 10.1079/PNS2004371

Nutritional management
The evolution of the nutritional management of diabetes.
63, 615, 2004, DOI: 10.1079/PNS2004392

Nutritional management plan
Chronic idiopathic intestinal pseudo-obstruction: the need for a multidisciplinary approach to management.
63, 473, 2004, DOI: 10.1079/PNS2004375

Nutritional requirements
Nutritional requirements of surgical and critically-ill patients: do we really know what they need?
63, 467, 2004, DOI: 10.1079/PNS2004374

Nutritional screening
Nutritional screening: pitfalls of nutritional screening in the injured obese patient.
63, 421, 2004, DOI: 10.1079/PNS2004371

Nutritional status
Findings from the latest National Diet and Nutrition Survey.
63, 505, 2004, DOI: 10.1079/PNS2004381

Nutritional support
Food for life, love and hope: an exemplar of the philosophy of palliative care in action.
63, 427, 2004, DOI: 10.1079/PNS2004372
Optimal nutritional support.
63, 451, 2004, DOI: 10.1079/PNS2004379

Obesity
Basic disturbances in skeletal muscle fatty acid metabolism in obesity and type 2 diabetes mellitus.
63, 323, 2004, DOI: 10.1079/PNS2004361

Nutritional screening: pitfalls of nutritional screening in the injured obese patient.
63, 421, 2004, DOI: 10.1079/PNS2004371
Prenatal programming of postnatal obesity: fetal nutrition and the regulation of leptin synthesis and secretion before birth.
63, 405, 2004, DOI: 10.1079/PNS2004370

Obesity epidemic
Obesity epidemic in India: intrauterine origins?
63, 387, 2004, DOI: 10.1079/PNS2004365

Oxidative stress
Dietary antioxidants and environmental stress.
63, 579, 2004, DOI: 10.1079/PNS2004388

p38 Mitogen-activated protein kinase
Exercise signalling to glucose transport in skeletal muscle.
63, 211, 2004, DOI: 10.1079/PNS2004343

Palliative care
Food for life, love and hope: an exemplar of the philosophy of palliative care in action.
63, 427, 2004, DOI: 10.1079/PNS2004372

Parenteral nutrition
Optimal nutritional support.
63, 451, 2004, DOI: 10.1079/PNS2004379

Philosophy of palliative care
Food for life, love and hope: an exemplar of the philosophy of palliative care in action.
63, 427, 2004, DOI: 10.1079/PNS2004372

Phosphatidylinositol 3-kinase
Regulation of protein synthesis associated with skeletal muscle hypertrophy by insulin-, amino acid- and exercise-induced signalling.
63, 351, 2004, DOI: 10.1079/PNS2004355

Phosphorylation
Regulation of glycogen synthase activity and phosphorylation by exercise.
63, 233, 2004, DOI: 10.1079/PNS2004348

Physical activity
Physical activity and health, novel concepts and new targets: report from the 12th Conference of the International Research Group on the Biochemistry of Exercise.
63, 189, 2004, DOI: 10.1079/PNS2004353

Physical activity levels
The biochemical basis of the health effects of exercise: an integrative view.
63, 199, 2004, DOI: 10.1079/PNS2004337

Placental zinc transport
Intestinal and placental zinc transport pathways.
63, 21, 2004, DOI: 10.1079/PNS2003320

Plant secondary metabolites
Plant secondary metabolites: antiparasitic effects and their role in ruminant production systems.
63, 631, 2004, DOI: 10.1079/PNS2004396

Plasma lipoproteins
The quest for cardiovascular health in the genomic era: nutrigenetics and plasma lipoproteins.
63, 145, 2004, DOI: 10.1079/PNS2003313

Prebiotics
Enteral feeding: the effect on faecal output, the faecal microflora and SCFA concentrations.
63, 105, 2004, DOI: 10.1079/PNS2003317

Pregnancy
Iron, copper and fetal development.
63, 553, 2004, DOI: 10.1079/PNS2004385

PRL–GH–IGF axis
Ontogeny and nutritional manipulation of the hepatic prolactin–growth hormone–insulin-like growth factor axis in the ovine fetus and in neonate and juvenile sheep.
63, 127, 2004, DOI: 10.1079/PNS2003324

Protein import
Mitochondrial assembly: protein import.
63, 293, 2004, DOI: 10.1079/PNS2004342

Protein kinase C
Exercise signalling to glucose transport in skeletal muscle.
63, 211, 2004, DOI: 10.1079/PNS2004343

Public health
Nutrigenomics, individualism and public health.
63, 161, 2004, DOI: 10.1079/PNS2003329

Public health nutrition
Public health nutrition and genetics: implications for nutrition policy and promotion.
63, 173, 2004, DOI: 10.1079/PNS2003330

PUFA
Dietary PUFA and the metabolic syndrome in Indian Asians living in the UK.
63, 115, 2004, DOI: 10.1079/PNS2003318

Pyruvate dehydrogenase kinase 4
Transcriptional regulation of pyruvate dehydrogenase kinase 4 in skeletal muscle during and after exercise.
63, 221, 2004, DOI: 10.1079/PNS2004345

Qualitative data analysis
Focus-group interview and data analysis.
63, 655, 2004, DOI: 10.1079/PNS2004399

Qualitative research
Using interpretative phenomenological analysis for public health nutrition and dietetic research: a practical guide.
63, 647, 2004, DOI: 10.1079/PNS2004398

Quality of life
Nutritional support in patients with advanced cancer: permission to fall out?
63, 431, 2004, DOI: 10.1079/PNS2004377

Real-time RT–PCR
How are genes measured? Examples from studies on iron metabolism in pregnancy.
63, 481, 2004, DOI: 10.1079/PNS2004368

Resistance exercise
Regulation of protein synthesis associated with skeletal muscle hypertrophy by insulin-, amino acid- and exercise-induced signalling.
63, 351, 2004, DOI: 10.1079/PNS2004355

Rheumatoid arthritis
Does diet have a role in the aetiology of rheumatoid arthritis?
63, 137, 2004, DOI: 10.1079/PNS2003319

Riboflavin
B-vitamins, homocysteine metabolism and CVD.
63, 597, 2004, DOI: 10.1079/PNS2004390

Risk factor
Does diet have a role in the aetiology of rheumatoid arthritis?
63, 137, 2004, DOI: 10.1079/PNS2003319

Ruminants
Antimicrobial properties of plant secondary metabolites.
63, 621, 2004, DOI: 10.1079/PNS2004393

Saponins
Antimicrobial properties of plant secondary metabolites.
63, 621, 2004, DOI: 10.1079/PNS2004393

Satellite cells
Insulin-like growth factor 1 and muscle growth: implication for satellite cell proliferation.
63, 337, 2004, DOI: 10.1079/PNS2004354

Se-dependent proteins
Are there functional consequences of a reduction in selenium intake in UK subjects?
63, 513, 2004, DOI: 10.1079/PNS2004382

Seasonal appetite cycles
Appetite regulation and seasonality: implications for obesity.
63, 413, 2004, DOI: 10.1079/PNS2004367

Sedentary lifestyle
The biochemical basis of the health effects of exercise: an integrative view.
63, 199, 2004, DOI: 10.1079/PNS2004337

Selenium
Micronutrients and cancer.
63, 587, 2004, DOI: 10.1079/PNS2004389

Selenium intake
Are there functional consequences of a reduction in selenium intake in UK subjects?
63, 513, 2004, DOI: 10.1079/PNS2004382

Selenium supplements
Are there functional consequences of a reduction in selenium intake in UK subjects?
63, 513, 2004, DOI: 10.1079/PNS2004382

Sepsis
Anti-cytokine and anti-inflammatory therapies for the treatment of severe sepsis: progress and pitfalls.
63, 437, 2004, DOI: 10.1079/PNS2004378

Short-chain fatty acids
Enteral feeding: the effect on faecal output, the faecal microflora and SCFA concentrations.
63, 105, 2004, DOI: 10.1079/PNS2003317

Short interfering RNA
How are genes measured? Examples from studies on iron metabolism in pregnancy.
63, 481, 2004, DOI: 10.1079/PNS2004368

Skeletal muscle
Basic disturbances in skeletal muscle fatty acid metabolism in obesity and type 2 diabetes mellitus.
63, 323, 2004, DOI: 10.1079/PNS2004361
Exercise-induced mitogen-activated protein kinase signalling in skeletal muscle.
63, 227, 2004, DOI: 10.1079/PNS2004346
Involvement of PPARγ co-activator-1, nuclear respiratory factors 1 and 2, and PPARα in the adaptive response to endurance exercise.
63, 269, 2004, DOI: 10.1079/PNS2004334
Mitochondrial assembly: protein import.
63, 293, 2004, DOI: 10.1079/PNS2004342
Muscle glycogen and metabolic regulation.
63, 217, 2004, DOI: 10.1079/PNS2004344
Regulation of fatty acid transport by fatty acid translocase/CD36.
63, 245, 2004, DOI: 10.1079/PNS2004331
Regulation of glycogen synthase activity and phosphorylation by exercise.
63, 233, 2004, DOI: 10.1079/PNS2004348
The role of calcium and calcium/calmodulin-dependent kinases in skeletal muscle plasticity and mitochondrial biogenesis.
63, 279, 2004, DOI: 10.1079/PNS2004335
Transcriptional regulation of pyruvate dehydrogenase kinase 4 in skeletal muscle during and after exercise.
63, 221, 2004, DOI: 10.1079/PNS2004345

Skeletal muscle hypertrophy
Calcineurin and skeletal muscle growth.
63, 341, 2004, DOI: 10.1079/PNS2004362

SLC30 transporters
Intestinal and placental zinc transport pathways.
63, 21, 2004, DOI: 10.1079/PNS2003320

SLC39 transporters
Intestinal and placental zinc transport pathways.
63, 21, 2004, DOI: 10.1079/PNS2003320

Smoking
How to identify gene–environment interactions in a multifactorial disease: CHD as an example.
63, 5, 2004, DOI: 10.1079/PNS2003311

Sodium
Fluid, electrolytes and nutrition: physiological and clinical aspects.
63, 453, 2004, DOI: 10.1079/PNS2004376

Stress
Endocrine modifications and interventions during critical illness.
63, 443, 2004, DOI: 10.1079/PNS2004373

Stretch
Mechanotransduction and the regulation of protein synthesis in skeletal muscle.
63, 331, 2004, DOI: 10.1079/PNS2004357

Symptom-based classification
Chronic idiopathic intestinal pseudo-obstruction: the need for a multidisciplinary approach to management.
63, 473, 2004, DOI: 10.1079/PNS2004375

Training
Studies of plasma membrane fatty acid-binding protein and other lipid-binding proteins in human skeletal muscle.
63, 239, 2004, DOI: 10.1079/PNS2004332

The metabolic role of IL-6 produced during exercise: is IL-6 an exercise factor?
63, 263, 2004, DOI: 10.1079/PNS2004338

Transcription factors
Role of calcium and AMP kinase in the regulation of mitochondrial biogenesis and GLUT4 levels in muscle.
63, 275, 2004, DOI: 10.1079/PNS2004339

Transcriptional co-activators
Involvement of PPARγ co-activator-1, nuclear respiratory factors 1 and 2, and PPARα in the adaptive response to endurance exercise.
63, 269, 2004, DOI: 10.1079/PNS2004334

Transcriptional regulation
Transcriptional regulation of pyruvate dehydrogenase kinase 4 in skeletal muscle during and after exercise.
63, 221, 2004, DOI: 10.1079/PNS2004345

Type 2 diabetes
Basic disturbances in skeletal muscle fatty acid metabolism in obesity and type 2 diabetes mellitus.
63, 323, 2004, DOI: 10.1079/PNS2004361

Ubiquitin–proteasome-dependent proteolysis
The role of ubiquitin–proteasome-dependent proteolysis in the remodelling of skeletal muscle.
63, 357, 2004, DOI: 10.1079/PNS2004358

Uncoupling protein 3
The role of uncoupling protein 3 in fatty acid metabolism: protection against lipotoxicity?
63, 287, 2004, DOI: 10.1079/PNS2004336

Vitamin B_6
B-vitamins, homocysteine metabolism and CVD.
63, 597, 2004, DOI: 10.1079/PNS2004390

Vitamin B_{12}
B-vitamins, homocysteine metabolism and CVD.
63, 597, 2004, DOI: 10.1079/PNS2004390
Folate, DNA stability and colo-rectal neoplasia.
63, 571, 2004, DOI: 10.1079/PNS2004387

Vitamins
Dietary antioxidants and environmental stress.
63, 579, 2004, DOI: 10.1079/PNS2004388

Water
Fluid, electrolytes and nutrition: physiological and clinical aspects.
63, 453, 2004, DOI: 10.1079/PNS2004376

Women
Lipid metabolism in women.
63, 153, 2004, DOI: 10.1079/PNS2003314